82701-1159

SAFETY DATA SHEET



SDS ID: CRAY-024 CRAYOLA® CRAYONS™

1. Identification

Product identifier

Material Name: CRAYOLA® CRAYONS™

Other means of identification

Product Code(s) CRAY-024

Synonyms

CRAYOLA CRAYONS; CRAYOLA WASHABLE CRAYONS; CRAYOLA ULTRA CLEAN CRAYONS; CRAYOLA LARGE CRAYONS; CRAYOLA WASHABLE LARGE CRAYONS; CRAYOLA JUMBO CRAYONS; CRAYOLA WASHABLE JUMBO CRAYONS; CRAYOLA TWISTABLE CRAYONS; CRAYOLA TWISTABLE SLICK STIX; CRAYOLA TWISTABLE MINI CRAYONS; CRAYOLA TWISTABLE EXTREME CRAYONS; ARTISTA II ANTIROLL CRAYONS; ARTISTA II CRAYONS; CRAYOLA BEGINNINGS; CRAYOLA COLORING BOOK CRAYONS; CRAYOLA CRAYON CLASSPACKS; CRAYOLA CONSTRUCTION PAPER CRAYONS; CRAYOLA DRYERASE CRAYONS; CRAYOLA EGG SHAPED CRAYONS; CRAYOLA FABRIC CRAYONS; CRAYOLA FLUORESCENT CRAYONS; CRAYOLA GEL F/X CRAYONS; CRAYOLA GLITTER CRAYONS; CRAYOLA METALLIC F/X CRAYONS; CRAYOLA MULTICULTURAL CRAYONS; MY FIRST CRAYOLA WASHABLE EASY GRIP CRAYONS; MY FIRST WASHABLE CRAYONS; CRAYOLA NEON CRAYONS; CRAYOLA POSTER CRAYONS; CRAYOLA BATH CRAYONS; STAONAL MARKING CRAYONS (PERMANENT AND WATERPROOF); CRAYOLA TRIANGLE CRAYONS; CRAYOLA WINDOW CRAYONS; CRAYOLA ART BUDDY BACKPACK; CRAYOLA COLOR ME A SONG; CRAYOLA CRAYON MAKER; CRAYOLA CRAYON MAKER REFILLS; CRAYOLA CREATIVITY TUB; CRAYOLA DRYERASE BOARDS; CRAYOLA DRY ERASE TRAVEL PACK; CRAYOLA DRYERASE ACTIVITY CENTER; CRAYOLA DRYERASE CLINGS AND STENCIL ASSORTMENTS; CRAYOLA INSPIRATION ART CASE; CRAYOLA MELT AND MOLD FACTORY; MY FIRST CRAYOLA ACTIVITES; CRAYOLA ULTIMATE ART SUPPLIES; CRAYOLA ULTIMATE CRAYON CASE; CRAYOLA ART WITH EDGE; CRAYOLA COLORS OF THE WORLD CRAYONS; CRAYOLA IMAGINATION ART SET; CRAYOLA SKETCH AND COLOR ART SET; CRAYOLA EASEL ART CASE; CRAYOLA SIGNATURE PEARLESCENT CREAM STICKS; PRODUCT CODE(S): 03-4016; 03-9000; 03-9008; 04-0015; 04-0024; 04-0035; 04-0040; 04-0048; 04-0050; 04-0061; 04-0072; 04-0081; 04-0082; 04-0089; 04-0114; 04-0146; 04-0135; 04-0138; 04-0140; 04-0142; 04-0144; 04-0147; 04-0148; 04-0149; 04-0260; 04-0265; 04-0266; 04-0267; 04-0268; 04-0294; 04-0295; 04-0296; 04-0297; 04-0318; 04-0320; 04-0321; 04-0328; 04-0366; 04-0371; 04-0378; 04-0381; 04-0382; 04-0384; 04-0387; 04-0388; 04-0389; 04-0393; 04-0394; 04-0395; 04-0404; 04-0405; 04-0408; 04-0412;04-0413; 04-0428; 04-0430; 04-0441; 04-0442 04-0443; 04-0456; 04-0459; 04-0461; 04-0462; 04-0463; 04-0470; 04-0478; 04-0485; 04-0486; 04-0493; 04-0509; 04-0516; 04-0517; 04-0520; 04-0526; 04-0528; 04-0529; 04-0530; 04-0536; 04-0547; 04-0548; 04-0549; 04-0555; 04-0557; 04-0563; 04-0564; 04-0565; 04-0574; 04-0576; 04-0576; 04-0577; 04-0581; 04-0582; 04-0583; 04-0584; 04-0586; 04-0594; 04-0595; 04-0597; 04-0598; 04-0599; 04-0600; 04-0601; 04-0603; 04-0605; 04-0607; 04-0608; 04-0609; 04-0610; 04-0; 04-0613; 04-0619; 04-0633; 04-0634; 04-0635; 04-0636; 04-0637; 04-0639; 04-0640; 04-0642; 04-0670; 04-0654; 04-0671 04-0674; 04-0676; 04-0678; 04-0679; 04-0680; 04-0681; 04-0686; 04-0687; 04-0688; 04-0690; 04-0694;

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Recommended use of the chemical and restrictions on use

Restrictions on use Arts and Crafts

Restrictions on use None Known

Details of the supplier of the safety data sheet

Supplier Address CRAYOLA LLC 1100 Church Lane Easton, PA 18044 Phone: 1-800-272-9652

E-mail support@crayola.com

Emergency telephone number

Emergency Telephone 1-800-535-5053 or call local POISON CONTROL

2. Hazard(s) identification

Classification

Not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

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Hazard statements

Not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance various colors Physical state Solid Odor distinct odor

Other information

No information available.

3. Composition/information on ingredients

Substance

Chemical name	CAS No	Weight-%	Trade secret
Product has been certified as nontoxic by the Art &	-	100	*
Creative Materials Institute, Inc. and conforms to			
ASTM D 4236 standard practice for labeling art			
materials for acute and chronic adverse health			
hazards			

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

Inhalation It is unlikely that emergency treatment will be required. Remove from exposure. Get medical

attention, if needed.

Eye contact It is unlikely that emergency treatment will be required. Flush eyes with plenty of water for at

least 15 minutes. If eye irritation persists, get medical advice/attention.

Skin contact It is unlikely that emergency treatment will be required. If adverse effects occur, wash with

soap or mild detergent and large amounts of water. Get medical attention, if needed.

Ingestion Call a poison control center or doctor immediately for treatment advice.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

5. Fire-fighting measures

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surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

No information available.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective clothing and equipment, see Section 8.

For emergency responders Wear protective clothing and equipment suitable for the surrounding fire.

Methods and material for containment and cleaning up

Methods for containmentPrevent further leakage or spillage if safe to do so.Methods for cleaning upPick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Wash thoroughly after handling. Minimize dust generation and accumulation.

Conditions for safe storage, including any incompatibilities

Storage Conditions None needed according to classification criteria. Store and handle in accordance with all

current regulations and standards. See original container for storage recommendations.

Keep separated from incompatible substances.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers

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Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Eye protection not required under normal conditions.

Hand protection Protective gloves are not required under normal conditions.

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with Skin and body protection

soap or mild detergent and large amounts of water. Get medical attention, if needed.

Respiratory protection No respirator is required under normal conditions of use. Under conditions of frequent use

or heavy exposure, respiratory protection may be needed.

Handle in accordance with good industrial hygiene and safety practice. General hygiene considerations

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Solid

Appearance various colors Color various colors Odor distinct odor

Odor threshold No information available

Property Values Remarks • Method No data available None known None known

Melting point / freezing point 43.3 °C / 109.9 °F Initial boiling point and boiling rangeNo data available None known Flash point No data available None known **Evaporation rate** No data available None known Flammability No data available None known Flammability Limit in Air None known No data available

Upper flammability or explosive

limits

Lower flammability or explosive No data available

limits

None known Vapor pressure No data available Relative vapor density No data available None known No data available None known Relative density Insoluble in water Water solubility None known Solubility(ies) No data available None known Partition coefficient No data available None known Autoignition temperature No data available None known **Decomposition temperature** None known

Kinematic viscosity No data available None known Dynamic viscosity No data available None known

Other information

No information available **Explosive properties** Oxidizing properties No information available Softening point No information available No information available Molecular weight **VOC Content (%)** No information available **Liquid Density** No information available No information available **Bulk density**

10. Stability and reactivity

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Reactivity No hazard expected.

Chemical stability Stable at normal temperatures and pressure.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None reported.

Incompatible materials Oxidizing materials.

Hazardous decomposition products May release oxides of carbon. Provide adult supervision in a well ventilated area for

techniques involving melted crayons. Ironing should be done by an adult in a well ventilated area. Overheating wax crayons during melting or ironing may release irritating fumes.

11. Toxicological information

Information on likely routes of exposure

InhalationNo information on significant adverse effects.Eye contactNo information on significant adverse effects.Skin contactNo information on significant adverse effects.IngestionNo information on significant adverse effects.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

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STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard

No information available.

Other adverse effects

No information available.

No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused

products

Dispose of waste in accordance with environmental legislation. Dispose of in accordance

with local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport information

DOT Not regulated

15. Regulatory information

International Inventories

TSCA Contact supplier for inventory compliance status.

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DSL/NDSL Contact supplier for inventory compliance status. **EINECS/ELINCS** Contact supplier for inventory compliance status. **ENCS** Contact supplier for inventory compliance status. **IECSC** Contact supplier for inventory compliance status. **KECL** Contact supplier for inventory compliance status. **PICCS** Contact supplier for inventory compliance status. AIIC Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. **NZIoC**

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not require warnings under California Proposition 65.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA
HMISHealth hazards0Flammability0Instability0Special hazards-HMISHealth hazards0Flammability0Physical hazards0Personal protectionX

Key or legend to abbreviations and acronyms used in the safety data sheet

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Legend Section 8: Exposure controls/personal protection

STEL STEL (Short Term Exposure Limit) TWA (time-weighted average) TWA

Ceiling Maximum limit value Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Revision date 07-Oct-2024

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet

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SAFETY DATA SHEET



SDS ID: CRAY-031 CRAYOLA® COLORED PENCILS

1. Identification

Product identifier

Material Name: CRAYOLA® COLORED PENCILS

Other means of identification

Product Code(s) CRAY-031

Synonyms

CRAYOLA COLORED PENCILS; CRAYOLA COLOR STICKS; CRAYOLA EXTREME COLORS PENCILS; CRAYOLA TWISTABLE COLORED PENCILS; CRAYOLA WATERCOLOR PENCILS; CRAYOLA METALLIC COLORED PENCILS, CRAYOLA PIPSQUEAKS COLORED PENCILS; CRAYOLA ERASEABLE COLORED PENCIL; CRAYOLA MULTICULTURAL COLORED PENCILS; CRAYOLA WRITE START COLORED PENCILS, CRAYOLA COLORED PENCILS CLASSPACKS; CRAYOLA COLORSTICKS CLASSPACK; CRAYOLA DRY ERASE COLORED PENCILS; CRAYOLA MY FIRST COLORED PENCILS, CRAYOLA PORTFOLIO COLORED PENCILS; CRAYOLA GEL F/X PENCILS; CRAYOLA GRAPHITE PENCILS 6B, 4B, 2B, 2H, 4H; MECHANICAL GRAPHITE PENCILSART TUB; STORY STUDIO; PREMIER ART KIT; ULTIMATE ART CASE; INSPIRATION ART CASE; ART CASES; LIGHT UP TRACING PADS; CRAYOLA COLORS OF THE WORLD COLORED PENCILS; CRAYOLA IMAGINATION ART SET: PRODUCT CODE(S): 03-3678; 04-0035; 04-0044; 04-0114; 04-0118; 04-1158; 04-0129; 04-0134; 04-0135; 04-0136; 04-0137; 04-0138; 04-0265; 04-0267; 04-0294; 04-0296; 04-0320; 04-0348; 04-0365; 04-0366; 04-71; 04-0376; 04-0382; 04-0399; 04-0403; 04-0415; 04-0434; 04-0454; 04-0485; 04-0486; 04-0487; 04-0504; 04-0506; 04-0516; 04-0520; 04-0526; 04-0529; 04-0530; 04-0533; 04-0555; 04-0557; 04-0581; 04-0584; 04-0586; 04-0594; 04-0598; 04-0599; 04-0600; 04-0601; 04-0607; 04-0608; 04-0609; 04-0610; 04-0611; 04-0612; 04-0619; 04-0633; 04-0635; 04-0637; 04-0639; 04-0640;04-0642; 04-0648; 04-0694; 04-0695; 04-0830; 04-0907; 04-0908; 04-0910; 04-0911; 04-0912; 04-0923; 04-0942; 04-1050; 04-1053; 04-1089; 04-1090; 04-1096; 04-1208; 04-1210; 04-1610; 04-1612; 04-1615; 04-1620; 04-1621; 04-1623; 04-1902; 04-1904; 04-1917; 04-1918; 04-1921; 04-1923; 04-1950; 04-1954; 04-1955; 04-2014; 04-2026; 04-2114; 04-2294; 04-2357; 04-2469; 04-2470; 04-2477; 04-2522; 04-2532; 04-2539; 04-2547; 04-2549; 04-2555; 04-2581; 04-2780; 04-2925; 04-2933; 04-2934; 04-2936; 04-3300; 04-3301; 04-3302; 04-3303; 04-3304; 04-3305; 04-3306; 04-3307;04-3315; 04-4900; 04-5189; 04-5221; 04-5225; 04-5354; 04-5358; 04-5367; 04-5412; 04-5672; 04-5674; 04-5685; 04-5698; 04-5706; 04-5707; 04-5770; 04-5785; 04-5831; 04-5832; 04-5839; 04-5840; 04-5860; 04-5869; 04-5872; 04-6807; 04-6808; 04-6810; 04-6811; 04-6814;04-6816; 04-6820; 04-6828; 04-6829; 04-6841; 04-6847; 04-6852; 04-6866; 04-6852; 04-6874; 04-6897; 04-6898; 04-6900; 04-6927; 04-6926; 04-6932; 04-6933; 04-6937; 04-8205; 04-8219; 04-8248; 04-8602; 04-8606; 04-8726; 04-9915; 52-0134; 52-3470; 52-9706; 58-7517; 68-T012; 68-T012; 68-T024; 68-0004; 68-0005; 68-0012; 68-0013; 68-0024; 68-0050; 68-0436; 68-1010; 68-1015; 68-1016; 68-1036; 68-1118; 68-1120; 68-1224; 68-1839; 68-2005; 68-2010; 68-2015; 68-2019; 68-2020; 68-2021; 68-2022; 68-2023; 68-2024; 68-2025; 68-2028; 68-2112; 68-2113; 68-2114; 68-2116; 68-2118; 68-2312; 68-2324; 68-2424; 68-2450; 68-2451; 68-3024; 68-3361; 68-3364; 68-3365; 68-3708; 68-4008; 68-4012; 68-4013; 68-4024; 68-4025; 68-4036; 68-4050; 68-4108; 68-4110; 68-4112; 68-4113; 68-4208; 68-4214; 68-4128;

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68-4199; 68-4240; 68-4302; 68-4304; 68-4410; 68-4412; 68-4603; 68-4604; 68-4605; 68-4606; 68-4607; 68-4609; 68-5010; 68-5040; 68-5065; 68-5072; 68-5073; 68-5074; 68-5075; 68-5076; 68-5077; 68-5079; 68-5082; 68-5083; 68-5084; 68-5085; 68-5086; 68-5090; 68-5091; 68-5092; 68-5093; 68-5098; 68-5724; 68-6812; 68-6818; 68-7100; 68-7200; 68-7201; 68-7202; 68-7204; 68-7205; 68-7206; 68-7400; 68-7402; 68-7404; 68-7405; 68-7406; 68-7408; 68-7409; 68-7411; 86-7415; 68-7418; 68-7424; 68-7427; 68-7503; 68-7504; 68-7505; 68-7506; 68-7507; 68-7508; 68-7509; 68-7510; 68-7512; 68-7413; 68-8020; 68-8024; 68-8054; 68-8100; 68-8120; 68-8462; 68-8601; 68-8618; 74-7324; 81-1334; 81-1336; 81-1357; 81-1358; 81-1393; 81-1459; 82-0599; 82-0600; 82-0679; 82-0689; 95-0291; 95-1052; 98-8609; 98-8663; 98-8665; 98-8668;

Recommended use of the chemical and restrictions on use

Recommended use Arts and Crafts
Restrictions on use None Known

Details of the supplier of the safety data sheet

Supplier Address CRAYOLA LLC 1100 Church Lane Easton, PA 18044 Phone: 1-800-272-9652

E-mail support@crayola.com

Emergency telephone number

Emergency Telephone 1-800-535-5053 or call local POISON CONTROL

2. Hazard(s) identification

Classification

Not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Hazard statements

Not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Solid colored core in wood or plastic case

Physical state Solid Odor Wood odor

Other information

No information available.

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3. Composition/information on ingredients

Substance

Chemical name	CAS No	Weight-%	Trade secret
Product has been certified as nontoxic by the Art &	-	100	*
Creative Materials Institute, Inc. and conforms to			
ASTM D 4236 standard practice for labeling art			
materials for acute and chronic adverse health			
hazards			

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

Inhalation It is unlikely that emergency treatment will be required. Remove from exposure. Get medical

attention, if needed.

Eye contact It is unlikely that emergency treatment will be required. Flush eyes with plenty of water for at

least 15 minutes. If eye irritation persists, get medical advice/attention.

Skin contact It is unlikely that emergency treatment will be required. If adverse effects occur, wash with

soap or mild detergent and large amounts of water. Get medical attention, if needed.

Ingestion Call a poison control center or doctor immediately for treatment advice.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

5. Fire-fighting measures

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

No information available.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective clothing and equipment, see Section 8.

For emergency responders Wear protective clothing and equipment suitable for the surrounding fire.

Methods and material for containment and cleaning up

Methods for containmentPrevent further leakage or spillage if safe to do so.Methods for cleaning upPick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Wash thoroughly after handling. Use methods to minimize dust.

Conditions for safe storage, including any incompatibilities

Storage Conditions None needed according to classification criteria. Store and handle in accordance with all

current regulations and standards. See original container for storage recommendations.

Keep separated from incompatible substances.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Eye protection not required under normal conditions.

Hand protection Protective gloves are not required under normal conditions.

Skin and body protection It is unlikely that emergency treatment will be required. If adverse effects occur, wash with

soap or mild detergent and large amounts of water. Get medical attention, if needed.

Respiratory protection No respirator is required under normal conditions of use. Under conditions of frequent use

or heavy exposure, respiratory protection may be needed. (EN 137).

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General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Solid

Appearance Solid colored core in wood or plastic case

ColormultipleOdorWood odorOdor thresholdMild

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

No data available None known Melting point / freezing point No data available None known Initial boiling point and boiling range100 °C / 212 °F None known No data available None known Flash point **Evaporation rate** No data available None known **Flammability** No data available None known Flammability Limit in Air None known

Upper flammability or explosive No data available

iimits

Lower flammability or explosive No data available

limits

No data available None known Vapor pressure No data available Relative vapor density None known Relative density No data available None known Water solubility Insoluble in water None known Solubility(ies) No data available None known Partition coefficient No data available None known Autoignition temperature No data available None known Decomposition temperature None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known

Other information

Explosive properties
Oxidizing properties
No information available

10. Stability and reactivity

Reactivity No hazard expected.

Chemical stability Stable at normal temperatures and pressure.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None reported.

Incompatible materials Oxidizing materials.

Hazardous decomposition products Oxides of carbon.

11. Toxicological information

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Information on likely routes of exposure

InhalationNo information on significant adverse effects.Eye contactNo information on significant adverse effects.Skin contactNo information on significant adverse effects.IngestionNo information on significant adverse effects.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

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Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused

products

Dispose of waste in accordance with environmental legislation. Dispose of in accordance

with local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport information

DOT Not regulated

15. Regulatory information

International Inventories

TSCA All of the components of this product are listed on the TSCA Inventory.

DSL/NDSL Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. **EINECS/ELINCS ENCS** Contact supplier for inventory compliance status. **IECSC** Contact supplier for inventory compliance status. **KECL** Contact supplier for inventory compliance status. **PICCS** Contact supplier for inventory compliance status. AIIC Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. **NZIoC**

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

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NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not require warnings under California Proposition 65.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA_	Health hazards 0	Flammability 0	Instability 0	Special hazards -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
Ceiling Maximum limit value * Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

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National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Revision date 08-Oct-2024

Revision Note No information available.

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End of Safety Data Sheet

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SAFETY DATA SHEET



SDS ID: CRAY-041 CRAYOLA® WASHABLE MARKERS

1. Identification

Product identifier

Material Name: CRAYOLA® WASHABLE MARKERS

Other means of identification

Product Code(s) CRAY-041

Synonyms

CRAYOLA® WASHABLE MARKERS; CRAYOLA ULTRA-CLEAN BROAD LINE AND FINELINE MARKERS; CRAYOLA WASHABLE MARKERS BROAD LINE AND FINE LINE; SIGNATURE NEON LIGHT EFFECTS MARKERS; AIRBRUSH MARKERS AND REFILLS; COLORCLICKS; SUPERTIPS; WINDOW F/X MARKERS; COLOR F/X MARKERS; TRICOLOR MIARKERS; RAINBOW CONNECTOR MARKERS; MEGA POSTER MARKERS: DOODLING MARKERS: PIPSQUEAK BROADLINE AND SKINNIES MARKERS; COLORING-BOOK MARKERS; BEGINNINGS MARKERS; FLIP TOP MARKERS; HEADS 'N TAILS MARKERS COLOR TWISTER; TADOODLES; GEL FX; HASSLE FREE 3-IN-1 PAINT; MINI STAMPERS; YOUNG MOM; NO-DRIP PAINT BRUSH PENS; PIP-SQUEAK SKINNIES MARKERS; RECOLORITZ; MY FIRST CRAYOLA; POWERLINES; ART KITS; ART SUPPLIES; ART TUB; ART BUDDY BACKPACK; CLASSPACKS; CREATIVITY TUB; FOR THE CURE; STORY STUDIO; INSPIRATION ART CASE; MARKER MAKER; MARKER MAKER REFILL; PIP-SQUEAKS WASHABLE MARKER KIT PREMIER ART KIT; PROJECTOR LIGHT DESIGNER; SKETCHER PROJECTOR; TELESCOPING TOWER; TUB OF FUN; TRAYOLA; SUPER-TIPS WAHABLE MARKERS KIT ULTIMATE ART SUPPLIES & EASEL; WASHABLE STAMP PAD; WINDOW MARKER & STENCIL KIT; LIGHT DESIGNER; COLOR N ERASE; EMOJI MAKER; COLOR CHEMISTRY; TAKE NOTE WASHABLE GEL MARKERS/PENS; WET ERASE; IMAGINATION ART SET; SKETCH AND COLOR ART CASE; COLORS OF THE WORLD MARKERS; SUPER CLICK RETRACTABLE MARKERS; SCRIBBLE SCRUBBIE MARKERS; SPIN AND SPIRAL ART SET; MARKER AIRBRUSH; MINI MARKER SPRAYER; MARKER MIXER; SCRIBBLE SCRUBBIE DINOSAUR ISLAND; PRODUCT CODE(S): 03-9006; 03-9100; 03-9101;04-0029; 04-0030; 04-0035; 04-0040; 04-0050; 04-0054; 04-0556; 04-0057; 04-0058; 04-0089; 04-5062; 04-5055; 04-0127; 04-0130; 04-0131; 04-0133; 04-0138; 04-0139; 04-0141; 04-0142; 04-0143; 04-0146; 04-0149; 04-0151; 04-0152; 04-0174; 04-0180; 04-0208; 04-0235; 04-0236; 04-0260; 04-0265; 04-0267; 04-0268; 04-0294; 04-0296; 04-0297; 04-0298; 04-0299; 04-0346; 04-0348; 04-0355; 04-0363; 04-0377; 04-0379; 04-0401; 04-0436; 04-0437; 04-0438; 04-0439; $04\text{-}0400;\ 04\text{-}0404;\ 04\text{-}0440;\ 04\text{-}0455;\ 04\text{-}0504;\ 04\text{-}0506;\ 04\text{-}0517;\ 04\text{-}0521;\ 04\text{-}0524;$ $04-0530;\ 04-0533;\ 04-0546;\ 04-0557;\ 04-0559;\ 04-0561;\ 04-0563;\ 04-0564;\ 04-0573;$ 04-0574; 04-0575, 04-0576; 04-0577; 04-0578; 04-0580; 04-0581; 04-0583; 04-0594; 04-0595; 04-0596; 04-0597; 04-0599; 04-0598; 04-0600; 04-0601; 04-0604; 04-0610; 04-0611; 04-0612; 04-0619; 04-0629; 04-0630; 04-0633; 04-0635; 04-0636; 04-0637; 04-0638; 04-0639; 04-0641; 04-0648; 04-0649; 04-0650; 04-0657; 04-0661; 04-0702; 04-0703; 04-0901; 04-0910; 04-0911; 04-0912; 04-0918; 04-0919; 04-0920; 04-0923; 04-0928; 04-0937; 04-0944; 04-0945; 04-0981; 04-0982; 04-0983; 04-0984; 04-1024; 04-1025; 04-1040; 04-1042; 04-1050; 04-1051; 04-1052; 04-1053; 04-1054; 04-1089; 04-1900; 04-1096; 04-1906; 04-1910; 04-1911; 04-1912; 04-1913; 04-1914; 04-1917; 04-1918; 04-1921; 04-1923; 04-1955; 04-1970; 04-1972; 04-2008; 04-2009; 04-2010;

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04-2014; 04-2016; 04-2026; 04-2300; 04-2467; 04-2469; 04-2522; 04-2532; 04-2536;
04-2537; 04-2539; 04-2540; 04-2542; 04-2543; 04-2544; 04-2549; 04-2555; 04-2580;
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04-5055; 04-5056; 04-5062; 04-5087; 04-5189; 04-5195; 04-5226; 04-5227; 04-5229;
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04\text{-}5811;\ 04\text{-}5812;\ 04\text{-}5813;\ 04\text{-}5814;\ 04\text{-}5815;\ 04\text{-}5819;\ 04\text{-}5820;\ 04\text{-}5821;\ 04\text{-}5844;
04-5850; 04-5855; 04-5856; 04-5859; 04-5860; 04-5869; 04-5873; 04-5874; 04-5900;
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58-7852; 58-7853; 58-7854; 58-7855; 58-7856; 58-7857; 58-7858; 58-7959; 58-7860;
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58-8610; 58-8612; 58-8643; 58-8700, 58-8701; 58-8703; 58-8704; 58-8708, 58-8709;
58-8717; 58-8719; 58-8720; 58-8721; 58-8722; 58-8723; 58-8724; 58-8725; 58-8726;
58-8727; 58-8731; 58-8732; 58-8733; 58-8734; 58-8735; 58-8736; 58-8741; 58-8750;
58-8764; 58-8765; 58-8766; 58-9050; 58-8190; 58-8824; 58-8825; 58-8826; 58-8827;
58-9505; 58-9908-P-XXX (1000 PACK BROADLINE MARKERS): -158 (TROPICAL
VIOLET); -161 (ORANGE CIRCUIT); 58-9909-P-XXX (1300 PACK FINELINE U/C
MARKERS): -011 (COPPER); -034 (YELLOW); -036 (ORANGE); -038 (RED); -040
(VIOLET); -041 (PLUM); -042 (BLUE); -044 (GREEN); -045 (PRIMROSE); -047 (PINK);
-051 (BLACK); -054 (BLUE LAGOON); -057 (GOLDEN YELLOW); -063 (KIWI/CITRINE);
-066 (TEAL); -086 (RASPBERRY); 74-2444; 74-6080; 74-7059; 74-7147; 74-7150; 74-7202;
74-7210; 74-7413;74-7414; 747415; 74-7270; 74-7245; 74-7246; 74-7248; 74-7249;
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74-7333; 74-7249; 74-7300; 74-7352; 74-7353; 74-7354; 74-7355; 74-7346; 74-7356;
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74-7357; 74-7358; 74-7359; 74-7360; 74-7362; 74-7363; 74-7364; 74-7365; 74-7366; 74-7367; 74-7368; 74-7369; 74-7370; 74-7371; 74-7372; 74-7373; 74-7374; 74-7406; 74-7407; 74-7409; 74-7411; 74-7412; 74-7417; 74-7419; 74-7426; 74-7426; 74-7428; 74-7438; 74-7439; 74-7441; 74-7442; 74-7445; 74-7445; 74-7450; 74-7450; 74-7460; 74-7469; 74-7470; 74-7471; 74-7479; 74-7481; 74-7483; 74-7485; 74-7488; 74-7489; 74-7506; 74-7507; 74-7611; 74-7612; 74-7613; 74-7621; 74-7622; 74-7626; 74-7627; 74-7635; 81-1150; 81-1324; 81-1365; 81-1459; 81-1466; 81-1491; 81-1493; 81-1494; 81-1503; 81-1503; 81-1503; 81-2007; 81-2013; 81-8109; 81-8123; 81-8326; 81-8128; 81-8324; 81-8325; 82-7251; 82-7275; 95-0291; 99-0064; 99-0066; 99-0067; 99-0068; 99-0075; INT-2061; INT-2062;

Recommended use of the chemical and restrictions on use

Restrictions on use Arts and Crafts

None Known

Details of the supplier of the safety data sheet

Supplier Address CRAYOLA LLC 1100 Church Lane Easton, PA 18044 Phone: 1-800-272-9652

E-mail support@crayola.com

Emergency telephone number

Emergency Telephone 1-800-535-5053 or call local POISON CONTROL

2. Hazard(s) identification

Classification

Not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Hazard statements

Not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance article containing liquid Physical state Liquid Odor No information available

Other information

No information available.

3. Composition/information on ingredients

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Substance

Chemical name	CAS No	Weight-%	Trade secret
Product has been certified as nontoxic by the Art &	-	100	*
Creative Materials Institute, Inc. and conforms to			
ASTM D 4236 standard practice for labeling art			
materials for acute and chronic adverse health			
hazards			

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical Inhalation

attention, if needed.

Eye contact It is unlikely that emergency treatment will be required. Flush eyes with plenty of water for at

least 15 minutes. If eye irritation persists, get medical advice/attention.

Skin contact It is unlikely that emergency treatment will be required. If adverse effects occur, wash with

soap or mild detergent and large amounts of water. Get medical attention, if needed.

Ingestion Call a poison control center or doctor immediately for treatment advice.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the No information available.

chemical

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge

Special protective equipment and

precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective clothing and equipment, see Section 8.

For emergency responders Wear protective clothing and equipment suitable for the surrounding fire.

Methods and material for containment and cleaning up

Methods for containmentPrevent further leakage or spillage if safe to do so.Methods for cleaning upPick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions None needed according to classification criteria. Store and handle in accordance with all

current regulations and standards. See original container for storage recommendations.

Keep separated from incompatible substances.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Eye protection not required under normal conditions.

Hand protection Protective gloves are not required under normal conditions.

Skin and body protection It is unlikely that emergency treatment will be required. If adverse effects occur, wash with

soap or mild detergent and large amounts of water. Get medical attention, if needed.

Respiratory protection No respirator is required under normal conditions of use. Under conditions of frequent use

or heavy exposure, respiratory protection may be needed.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid

Appearance article containing liquid
Color various colors
Odor No information available
Odor threshold No information available

Property Values Remarks • Method

6 - 9.5None known No data available Melting point / freezing point None known Initial boiling point and boiling rangeNo data available None known > 100°C None known Flash point **Evaporation rate** No data available None known No data available Flammability None known Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

Vapor pressureNo data availableRelative vapor densityNo data availableRelative density1.06 - 1.12Water solubilitySoluble in waterSoluble in waterNo data availablePartition coefficientNo data availableAutoignition temperatureNo data available

Decomposition temperatureNo data availableNone knownKinematic viscosityNo data availableNone knownDynamic viscosity1.06 - 4.2 cpsNone known

Other information

Explosive properties

Oxidizing properties

Softening point

Molecular weight

VOC Content (%)

Liquid Density

Bulk density

No information available

10. Stability and reactivity

Reactivity No hazard expected.

Chemical stability Stable at normal temperatures and pressure.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None reported.

Incompatible materials Oxidizing materials.

Hazardous decomposition products Oxides of carbon.

11. Toxicological information

Information on likely routes of exposure

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None known

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InhalationNo information on significant adverse effects.Eye contactNo information on significant adverse effects.Skin contactNo information on significant adverse effects.IngestionNo information on significant adverse effects.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

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Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused Dispose of wa

products

Dispose of waste in accordance with environmental legislation. Dispose of in accordance

with local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport information

DOT Not regulated

15. Regulatory information

International Inventories

TSCA All of the components of this product are listed on the TSCA Inventory.

DSL/NDSL Contact supplier for inventory compliance status. **EINECS/ELINCS** Contact supplier for inventory compliance status. **ENCS** Contact supplier for inventory compliance status. **IECSC** Contact supplier for inventory compliance status. **KECL** Contact supplier for inventory compliance status. **PICCS** Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. AIIC **NZIoC** Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

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US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not require warnings under California Proposition 65.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA_	Health hazards 0	Flammability 0	Instability 0	Special hazards -
HMIS_	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

TWA (time-weighted average) STEL (Short Term Exposure Limit) TWA STEL

Ceiling Maximum limit value Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA) EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

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National Toxicology Program (NTP) New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Revision date 15-May-2024

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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