

83465-7236

SAFETY DATA SHEET



Revision date 15-May-2024

Revision Number 1

1. Identification

Product identifier

Product Name CR-41 Lime

Other means of identification

Product Code(s) FG00886

Synonyms 38031M

Recommended use of the chemical and restrictions on use

Recommended use Use product for its intended purpose as a glaze product intended for arts and crafts purposes. This product is intended for small batch use.

Restrictions on use

Details of the supplier of the safety data sheet

Manufacturer Address

American Art Clay Co Inc
6060 Guion Road
Indianapolis, IN 46254-1222 USA
Toll Free: 1-800-999-5456
CustomerCare@Amaco.com

Emergency telephone number

Emergency Telephone U.S. Poison Control 1-800-222-1222

2. Hazard(s) identification

Classification

Skin sensitization	Category 1***
Carcinogenicity	Category 1A***

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

FG00886 - CR-41 Lime

Revision date 15-May-2024

Hazard statements**Danger*****

H317 - May cause an allergic skin reaction

H350 - May cause cancer***

**Physical state** Liquid**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/clothing and eye/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace***

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Specific treatment (see .? on this label)***

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse***

Precautionary Statements - Storage

Store locked up***

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant***

Other information

No information available.

3. Composition/information on ingredients

Not applicable.***

Mixture ***

Chemical name	CAS No	Weight-%
Quartz***	14808-60-7	1 - <3
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol***	4719-04-4	0.1 - 1

4. First-aid measures**Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.***

Inhalation

Remove to fresh air.

FG00886 - CR-41 Lime**Revision date** 15-May-2024

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.***
Ingestion	Rinse mouth.

Most important symptoms and effects, both acute and delayed**Symptoms** Itching. Rashes. Hives.*****Indication of any immediate medical attention and special treatment needed****Note to physicians** May cause sensitization in susceptible persons. 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 chemical	Product is or contains a sensitizer. May cause sensitization by skin contact.***
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	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.***
Other information	Refer to protective measures listed in Sections 7 and 8.***

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. Handling and storage

Revision date 15-May-2024

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.***

Keep containers tightly closed in a dry, cool and well-ventilated place.***

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.***

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Quartz*** 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust

Showers
Eyewash stations
Ventilation systems.

Wear safety glasses with side shields (or goggles).***

Wear suitable gloves.***

Wear suitable protective clothing.***

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.***

Liquid

Use product for its intended purpose as a glaze product intended for arts and crafts

Revision date 15-May-2024

Ingestion	Specific test data for the substance or mixture is not available.
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ATEmix (oral)	24,917.20***	mg/kg***
ATEmix (dermal)	17,841.00***	mg/kg***
ATEmix (inhalation-gas)	99,999.00***	ppm***
ATEmix (inhalation-dust/mist)	99,999.00***	mg/l***
ATEmix (inhalation-vapor)	99,999.00***	mg/l***

Page 6 of 10

FG00886 - CR-41 Lime

Revision date 15-May-2024

Group 1 - Carcinogenic to Humans***

NTP (National Toxicology Program)

Known - Known Carcinogen***

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present***

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target organ effects	Respiratory system, Eyes, Skin, Lungs, Gastrointestinal tract (GI).***
Aspiration hazard	No information available.
Other adverse effects	Use product for its intended purpose as a glaze product intended for arts and crafts purposes. This product is intended for small batch use.
Interactive effects	Use product for its intended purpose as a glaze product intended for arts and crafts purposes. This product is intended for small batch use.

12. Ecological information

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol*** 4719-04-4	-	LC50: =16.07mg/L (96h, Danio rerio)	-	-

Persistence and degradability	Use product for its intended purpose as a glaze product intended for arts and crafts purposes. This product is intended for small batch use.
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Bioaccumulation

Component Information

Chemical name	Partition coefficient
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol*** 4719-04-4	<-2.3 -2 -1.3***

Other adverse effects	No information available.
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13. Disposal considerations

Disposal methods

FG00886 - CR-41 Lime**Revision date** 15-May-2024**Waste from residues/unused products**

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

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.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Water	7732-18-5	Present	Active
Silicic acid, aluminum sodium salt	1344-00-9	Present	Active
Wollastonite (Ca(SiO ₃))	13983-17-0	Present	Active
Kaolin	1332-58-7	Present	Active
C.I. Pigment Yellow 159	68187-15-5	Present	Active
Quartz***	14808-60-7	Present	Active
Zircon	14940-68-2	Present	Active
Aluminum oxide (Al ₂ O ₃)	1344-28-1	Present	Active
Sodium carboxymethyl cellulose	9004-32-4	Present	Active
C.I. Pigment Blue 71	68186-95-8	Present	Active
Polyphosphoric acids, sodium salts	68915-31-1	Present	Active
D-gluco-Heptonic acid, monosodium salt, (2.xi.)-	31138-65-5	Present	Active
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol***	4719-04-4	Present	Active
Titanium dioxide	13463-67-7	Present	Active
Mica	12001-26-2	-	Unknown *
Silica, cristobalite	14464-46-1	Present	Active
Ethanolamine	141-43-5	Present	Active

*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements***

DSL/NDSL**EINECS/ELINCS****ENCS****IECSC****KECL****PICCS**

Contact supplier for inventory compliance status.

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FG00886 - CR-41 Lime**Revision date** 15-May-2024**AIIC
NZIoC**Contact supplier for inventory compliance status.
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

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**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X
Wollastonite (Ca(SiO ₃)) 13983-17-0	X	X	X
Kaolin 1332-58-7	X	X	X
Quartz*** 14808-60-7	X	X	X
Aluminum oxide (Al ₂ O ₃) 1344-28-1	X	X	X
C.I. Pigment Blue 71 68186-95-8	X	-	-
Titanium dioxide 13463-67-7	X	X	X
Mica 12001-26-2	X	X***	X
Silica, cristobalite 14464-46-1	X	X	X

FG00886 - CR-41 Lime**Revision date** 15-May-2024

Ethanolamine 141-43-5	X	X	X
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U.S. EPA Label Information**EPA Pesticide Registration Number** Not applicable**16. Other information**

NFPA	Health hazards 2***	Flammability 0	Instability 0	Special hazards -
HMIS	Health hazards 2****	Flammability 0	Physical hazards 0	Personal protection X
<i>Chronic Hazard Star Legend</i>	<i>* = Chronic Health Hazard***</i>			

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)
 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 15-May-2024**Revision Note** Use product for its intended purpose as a glaze product intended for arts and crafts purposes. This product is intended for small batch use.**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