

00523-5233

**SAFETY DATA SHEET****Ultramarine Blue**

According to Regulation (EC) No 1907/2006, Annex II, as amended. This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name Ultramarine Blue

Chemical name Sodium alumino sulpho silicate

Product number 02, 03, 05, 05C, 055, 06, 07, 07T, 08, 08B, 08C, 08E, 08S, 08STK, 09, 09T, 10, 1008, 15, 15S, 16, 17, 17C, 17CBAC, 1701, 21, 23, 23S, 24, 24S, 25, 26, 26H, 26S, 31, 31F, 32, 32T, 5005, 5008, 5401, 5858, 51, 51C, 51S, 51T, 54, 54C, 54S, 55, 56, 59, 61, 63, 64, 65, 69, 71, 74, 75, 82, 91, 332, 359, 751, C111, C16, C76, C83, CM01, CM01D, CM05D, CM104, CM104D, CM105, CM108, CM121, CM13, CM140, CM151, CM154, CM169, CM181, CM193, CM194, CM2026, CM2047, CM2050, CM2066, CM207, CM207D, CM208, CM2144, CM215, CM226, CM241, CM249, CM253, CM27, CM28, CM295, CM296D, CM303, CM38, CM41, CM45, CM469, CM48, CM49S, CM64, CM72, CM73, CM75, CM77, CM79, CORAS, DP1150, DP1169, FRX-FJ, HA2, HG, RS3, RS32, RS8, ST106, ST51, ST61, ST62, ST63, ST64, ST78, ST83, ST87, ST90, ST91S, ST95, ST96, TR

Synonyms; trade names Pigment Blue 29:77007

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Industrial colour

1.3. Details of the supplier of the safety data sheet

Supplier *Société des Ogres de France*
200 chemin des ocriers
84400 APT (France)
Tel: 04 90 74 63 82
centre anti-poison : 01 40 05 48 48
mail: infos@ogres-de-france.com

1.4. Emergency telephone number

Emergency telephone +33 (0)1 40 05 48 48

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Human health May be slightly irritating to eyes. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May be slightly irritating to skin.

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Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

Human health May be slightly irritating to eyes. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May be slightly irritating to skin.

Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Contact with acids liberates hydrogen sulphide, a highly flammable, toxic gas.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

C.I. PIGMENT BLUE 29 (77007)			80-100%
CAS number: 101357-30-6	EC number: 309-928-3	REACH registration number: 01-2119488928-13-0002	
Classification Not Classified			
KAOLIN			0-20%
CAS number: 1332-58-7	EC number: 310-194-1	Exempt under REACH	
Classification Not Classified			

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.
Protection of first aiders	No specific requirements are anticipated under normal conditions of use.

4.2. Most important symptoms and effects, both acute and delayed

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Inhalation	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Additional information:

5.2. Special hazards arising from the substance or mixture

Specific hazards	Sulphur dioxide.
Hazardous combustion products	Sulphur dioxide.

5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust and vapours.
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6.2. Environmental precautions

Environmental precautions	Avoid spreading dust or contaminated materials. Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust.
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6.4. Reference to other sections

Reference to other sections	See Section 1 for emergency contact information. For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions

Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product. Earth container and transfer equipment to eliminate sparks from static electricity.

Advice on general occupational hygiene

Use appropriate skin cream to prevent drying of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep container dry. Keep away from flammable and combustible materials. Avoid contact with acids and alkalis. Keep away from food and drink.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

C.I. PIGMENT BLUE 29 (77007)

Long-term exposure limit (8-hour TWA): NUI 4 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): NUI 10 mg/m³ inhalable dust

KAOLIN

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ respirable dust

WEL = Workplace Exposure Limit.

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

Environmental exposure controls

Insoluble in water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Dusty powder.

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Colour	Blue.
Odour	Odourless.
Odour threshold	Not applicable.
pH	pH (diluted solution): 7-9 10%
Melting point	Not relevant.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Evaporation factor	Not relevant.
Flammability (solid, gas)	Not relevant.
Upper/lower flammability or explosive limits	Not relevant.
Other flammability	Not relevant.
Vapour pressure	Not relevant.
Vapour density	Not relevant.
Relative density	~ 2.35 g/cm ³
Solubility(ies)	Insoluble in water.
Decomposition Temperature	400°C/750°F
Viscosity	Not relevant.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.

9.2. Other information

Volatile organic compound This product contains a maximum VOC content of None .

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity Acids.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 400°C/750°F.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions At temperatures above 400°C/750°F in the presence of air an exothermic reaction can occur with the liberation of Sulphur Dioxide (SO₂) gas.
Contact with acids liberates Hydrogen Sulphide (H₂S) gas The risk from contact with acids is greatly reduced when using an acid resistant grade

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

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Materials to avoid Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Hydrogen sulphide (H₂S). Will decompose at temperatures exceeding 400°C/750°F. Heating may generate the following products: Sulphur dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

General information No specific health hazards known.

SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >32000 mg/l,

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: >90 %, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The product is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14: Transport information

Ultramarine Blue

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019. UK Statutory Instrument 2019 No. 720
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019. UK Statutory Instruments 2019 No. 758

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

Not required as non-hazardous material

Inventories

Ultramarine Blue**EU - EINECS/ELINCS**

All the ingredients are listed or exempt.

SECTION 16: Other information

Issued by	Product Regulations Dept
Revision date	18/03/2021
Revision	15
Supersedes date	24/07/2020
SDS number	21593
SDS status	Approved.

The information provided is based on the current state of knowledge. This data sheet of security describes the product solely from the aspect of security. The data above does not have the value of warranty regarding the composition, properties or performance of the products.