



SAFETY DATA SHEET

1. Identification

Name of the substance or mixture (trade name) CrafcO Obsidian Excel

Major recommended uses for the substance or mixture Not available.

Specific restrictions for use of the substance or mixture Not available.

Manufacturer/Importer/Distributor information

Manufacturer

Company name CrafcO, Inc.
Address
Telephone Business Telephone +1.602.276.0406
Website

Emergency telephone number International CHEMTREC 1.703.527.3887

2. Hazards identification

Classification of the substance or mixture

The classification of the substance or mixture has been performed in accordance with ABNT NBR 14725.

Physical hazards Not classified.
Health hazards Serious eye damage/eye irritation Category 2A
Environmental hazards Not classified.

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word Warning

Hazard statement(s) Causes serious eye irritation.

Precautionary statement(s)

Prevention Wear eye protection/face protection. Wash hands thoroughly after handling.
Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage Store away from incompatible materials.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification None known.

Supplemental information None.

Other information The Safety Information Sheet Chemicals of hazardous chemical can be obtained through phone, email or on the company website.

3. Composition/information on ingredients

Mixture

Common chemical name or technical name	CAS number	Concentration or concentration range
CARBON BLACK	1333-86-4	<5.00
METHANOL	67-56-1	<2.00

4. First-aid measures

First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if needed. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing and shoes. Wash contact areas with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Induce vomiting, if person is conscious. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Most important symptoms/effects, acute and delayed

Causes serious eye irritation. May cause skin irritation.

Personal protection for first-aid responders

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Notes to physician

Not available.

5. Fire-fighting measures

Means of fire extinguishing

Suitable extinguishing media Dry chemical powder. Carbon dioxide (CO₂). Halon. Foam. Water spray.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

None known.

Special fire fighting procedures

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Protective measures taken by firefighting crews

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

Highly flammable liquid and vapor.

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

To be taken by those who are not involved in rendering emergency services Wear appropriate personal protective equipment. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

To be taken by those who are involved in rendering emergency services Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Use personal protection recommended in Section 8 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

7. Handling and storage

Precautions for safe handling

Observe good industrial hygiene practices. Avoid prolonged exposure.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container.

8. Exposure controls/personal protection

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

Brazil. OELs (Ordinance No. 3214, 6/8/78, NR-15, Annex 11 (supplemented with ACGIH))

Components	Type	Value
CARBON BLACK (CAS 1333-86-4)	TWA	3.5 mg/m3
METHANOL (CAS 67-56-1)	TWA	200 mg/m3 156 ppm

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
CARBON BLACK (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
METHANOL (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	

Biological limit values

Brazil. BEIs (Ordinance No. 3214, 6/8/78, NR-07, Table 1)

Components	Value	Determinant	Specimen	Sampling Time
METHANOL (CAS 67-56-1)	15 mg/l	Metanol	Urine	*

* - For sampling details, please see the source document.

ACGIH Biological Exposure Indices (BEI)

Components	Value	Determinant	Specimen	Sampling Time
METHANOL (CAS 67-56-1)	15 mg/l	Methanol	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines

Brazil OELs: Skin designation

METHANOL (CAS 67-56-1) Danger of cutaneous absorption

US ACGIH Threshold Limit Values: Skin designation

METHANOL (CAS 67-56-1) Danger of cutaneous absorption

Appropriate engineering controls Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Personal protective measures

Eyes and face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Physical state	Liquid.
Form	Liquid.
Color	Black
Odor	None.
Melting point/freezing point	32 °F (0 °C)
Boiling point or initial boiling point and boiling range	212 °F (100 °C)
Flammability	Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Flash point	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	275 °F (135 °C)
pH	7 - 8
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Vapor pressure	Not available.
Density and/or relative density	Not available.
Vapor density	Not available.
Particle characteristics	Not available.
Other physical and chemical parameters	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful. However, this product does not currently meet the criteria for classification.
Skin contact	May be irritating to the skin.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard. May cause discomfort if swallowed.
Symptoms	Causes serious eye irritation.

Acute toxicity Not known.

Components	Species	Test Results
CARBON BLACK (CAS 1333-86-4)		
Acute		
Oral		
LD50	Rat	> 8000 mg/kg
METHANOL (CAS 67-56-1)		
Acute		
Dermal		
LD50	Rabbit	15800 mg/kg
Inhalation		
LC50	Rat	87.5 mg/l, 6 Hours
Oral		
LD50	Rat	5628 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin irritation and corrosion May be irritating to the skin.

Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not classified.
ACGIH Carcinogens	
CARBON BLACK (CAS 1333-86-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Toxic to reproduction	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Prolonged or repeated contact may cause drying, cracking, or irritation of the skin.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	Test Results	
Crafcó Obsidian Excel			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia	500000 mg/l, 48 hours estimated
Fish	LC50	Fish	5000 mg/l, 96 hours estimated
Components	Species	Test Results	
METHANOL (CAS 67-56-1)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

METHANOL -0.77

Bioconcentration factor (BCF) Not available.

Mobility in soil No data available for this product.

Other adverse effects Not available.

13. Considerations on final disposal

Recommended methods for final destination

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Local disposal regulations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge into drains, water courses or onto the ground.

14. Transport information

National regulations

ANTT

Not regulated as dangerous goods.

International regulations

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

Federal regulations

This chemical product safety data sheet was prepared in accordance with the Brazilian Standard (ABNT NBR 14725: (Safety data sheet for chemicals (SDS))). The Safety Data Sheet of the hazardous chemical can be obtained from a supplier. This product is classified for Transportation in accordance with Resolution ANTT Resolution 5998, of November 3, 2022, as amended.

Chemical Products Controlled by the Federal Police (Ordinance No. 240)

METHANOL (CAS 67-56-1)

Chemical Products for the Manufacture and Synthesis of Narcotics and Psychotropic Subject to Control of the Ministry of Justice (Resolution No. 169 of 15 August 2017, Annex I, List D2)

Not listed.

Controlled products that must be reported to the Army (Decree No. 3655, Annex 1, as amended)

Not applicable.

Ozone depleting substances (Decree No. 99.280, Annexes A, B, C and E, as amended)

Not applicable.

POPs (Decree No. 5.472 promulgates the Stockholm Convention on persistent organic pollutants)

Not listed.

Use and physiological effects of chemical products (Decree No. 3665, Annex 3)

Not applicable.

International regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EU) 2020/878.

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Significant information, yet not specifically related to the previous sections

Not available.

Legends and abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists.

ANTT: National Agency of Land Transport.

CAS: Chemical Abstract Service.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MARPOL: International Convention for the Prevention of Pollution from Ships.

STEL: Short term exposure limit.

TWA: Time Weighted Average.

Disclaimer

Crafcó, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.