

Harborlite, Perlite

Safety Data Sheet

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SECTION 1: Identification

1.1. Identification

Product name : Harborlite, Perlite
Product form : Mixture
EC number : -
CAS-No. : 93763-70-3

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

Identified uses : A filter aid.

1.3. Supplier

FARSA Group Ltd
Sales@farsagroup.az

1.4. Emergency contacts

Emergency number : +994512707856

SECTION 2: Hazard(s) identification

Summary : Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. This product has not been classified as a carcinogen by NTP or IARC.

Medical conditions which may be aggravated : Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.

Target organs : Lungs, eyes

Acute health effects : Transitory upper respiratory or eye irritation.

Chronic health effects : Prolonged and repeated exposures to excessive concentrations of product dust, in excess of the PEL/TLV, can cause chronic pulmonary disease.

Primary entry route(s) : Inhalation, dust contact with eyes.

Inhalation : Irritation and soreness in throat & nose. In extreme exposures some congestion may occur.

Eyes : Temporary irritation or inflammation.

Skin contact : N/A

Ingestion : Not hazardous when ingested.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not relevant (mixture).

3.2. Mixtures

Ingredient name	CAS No.	%	PEL and TLV (except as noted)
PERLITE - EXPANDED (AMORPHOUS ALUMINA SILICATE)	93763-70-3	100	5 mg/M3 RESPIRABLE NUISANCE DUST, OSHA 10mg/M3 TOTAL NUISANCE DUST, ACGIH

SECTION 4: First-aid measures

Inhalation : Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.

Eyes : Flush eyes with large quantities of water. If irritation persists, consult a physician.

Skin : N/A

Ingestion : N/A

SECTION 5: Firefighting measures

Flash point (Method) : Non-flammable.

Flammable limits : LEL: N/A

UEL: N/A

Extinguishing media : N/A

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NFPA flammable/combustible liquid classification	: N/A
Auto-ignition temperature	: N/A
Unusual fire or explosion hazards	: None.
Special firefighting procedure	: None.

SECTION 6: Accidental release measures

Procedure for spill/leak : Vacuum clean dust with equipment fitted with hepa filter. Use a dust suppressant such as water if sweeping is necessary.

SECTION 7: Handling and storage

Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken bags immediately. Continue to follow all sds/label warning when handling empty containers.

SECTION 8: Exposure controls/personal protection

Protective equipment :



Goggles : Goggles or safety glasses with sideshields are recommended.
Gloves : Not normally required.
Respirator : <10x PEL, use an n95 quarter or half mask respirator; <50x PEL, use a full face respirator equipped with n95 filters; <200x PEL, use a powered air purifying respirator (positive pressure) with n95 filters; >200x PEL, use a full face, type c supplied air respirator (continuous flow mode).
Ventilation : Use sufficient natural or mechanical ventilation to keep dust level below pel.
Other : Special Considerations for Repair/Maintenance of Contaminated Equipment: Insure proper respiratory protection.

SECTION 9: Physical and chemical properties

Appearance	White powdery solid	Evaporation rate	No data available
Colour	White	Melting point	1093°C
Odour	Odourless	Vapor density	No data available
pH	6.5-7.5	Specific gravity (water=1)	2.2-2.4
Boiling point	No data available	Vapour pressure	No data available
Water solubility	Negligible	% Volatile by volume	0

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Hazardous polymerization cannot occur.

10.3. Possibility of hazardous reaction

No data available.

10.4. Conditions to avoid

None in designed use.

10.5. Incompatible materials

Hydrofluoric Acid.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Summary

: Prolonged and repeated exposure to excessive concentrations of this product's dust, or any Nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. This product has not been classified as a carcinogen by NTP or IARC.

SECTION 12: Ecological information

Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly

SECTION 13: Disposal considerations

Waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary, consult local agencies as needed. Used material which has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

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SECTION 14: Transport information

14.1. UN number

No data available.

14.2. UN proper shipping name

Perlite crude.

14.3. Transport hazard class(es)

Not classified.

14.4. Packing group

No data available.

14.5. Environmental hazards

No data available.

14.6. Special precautions for user

No data available.

SECTION 15: Regulatory information

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

OSHA Hazard Communications Standard, 29 CFR 1910.1200

: Material is considered hazardous, see section 3.

RCRA

: This material is not defined as hazardous waste per 40 CFR 261.

TSCA

: This material is listed in the TSCA inventory, and is not otherwise regulated by TSCA sec. 4, 5, 6, 7 or 12.

CERCLA

: Material is not reportable under CERCLA, local requirements may vary.

SARA

: 311/312 hazard categories -immediate and delayed health, 313 reportable ingredients - none.

EU regulation (EC) N°1272/2008)

: This material is labeled and supported accordingly with GHS standards.

SECTION 16: Other information

Storage segregation hazard classes

: No data available.

Special handling/storage

: Repair all broken bags immediately.

Special workplace engineering controls

: Adequate ventilation to keep dust level below pel.

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