

Safety data sheet

NOALOX

Version 1.0

Effective date: 14-09-2023

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier.

Trade name: NOALOX.

Product code: 30-024/30-026/30-030/30-031/30-032/30-040/30-1216

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

Product use: Anti-Oxidant Compound for Electrical Applications.

Uses advised against: None known.

1.3 Details of the Supplier of the safety data sheet:

Company: IDEAL INDUSTRIES Limited
Unit 3, Europa Court
Europa Boulevard, Warrington
Cheshire, WA5 7TN
United Kingdom
Tel.: +44 (0)1925 444446
eur.sales@idealindustries.com

1.4 Emergency telephone number:

Use your national or local emergency number.
United Kingdom: Contact The National Poisons Information Service (dial 111, 24 h service).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture to CLP No 1272/2008/GB CLP.

Not classified.

2.2 Label elements CLP No 1272/2008/GB CLP.

Precautionary statements:

Prevention:
Observe good industrial hygiene practices.

Response:
Wash hands after handling.

Storage:
Store away from incompatible materials.

Disposal:
Dispose of waste and residues in accordance with local authority requirements.

Additional information:

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2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

The product is a mixture.

3.2 Mixtures:

CAS/EC-No	Name	Content %	Classification CLP
9003-29-6 / 500-004-7	Polybutylene	<90	Not classified
7440-66-6 / 231-175-3	Zinc dust Note T*	<20	Aquatic Acute 1; H400 (M=10), Aquatic Chronic 1; H410 (M=10).
7631-86-9 / 231-545-4	Hydrophilic fumed Silica	<5	Not classified

*Note T: This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet.

Occupational limits are listed in section 8, if these are available. See full text of H-phrases in section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

General information:	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Inhalation:	Remove to fresh air. Get medical attention if symptoms occur.
Skin contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact:	Rinse with water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Induce vomiting, if person is conscious. Get medical attention if symptoms occur.

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

Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort.

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

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Dry chemical, foam, carbon dioxide.

Unsuitable extinguishing media:

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

5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact. Move containers from fire area if you can do so without risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment, see section 8.
Keep unnecessary personnel away.
Avoid prolonged and repeated contact.
Stop the flow of material, if this is without risk.

6.2 Environmental precautions:

Avoid accidental discharge to lakes, streams, sewers, etc.

6.3 Methods and material for containment and cleaning up:

Small Spills: wipe up with absorbent material (e.g. cloth, fleece).
Larger spills are to be absorbed with sand, earth or similar materials.
Collected material is disposed of in accordance with section 13.
Flush residues away with plenty of water.

6.4 Reference to other sections:

See section 8 for personal protection.
See section 13 for disposal.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

See section 8 for personal protection.
Avoid contact with skin and eyes. Be aware of potential for surfaces to become slippery. Ensure adequate ventilation. Wear personal protective equipment. The material is electrically conductive and requires caution when used near electric equipment. Observe good industrial hygiene practices.

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7.2 Conditions for safe storage, including any incompatibilities:

Store in tightly closed container. Store at temperatures between 4°C - 49°C. Store away from incompatible materials (see section 10 of this safety data sheet).

7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters - Occupational exposure limits EH-40 (UK):

Dust formation:

CAS No:	Name:	Limits:	Comments:
-	Dust - total inhalable - respirable	Long-term value (TWA): 10 mg/m ³ Long-term value (TWA): 4 mg/m ³	-

Biological limits values:

No biological exposure limits noted for this substance.

Recommended monitoring procedures:

Standard monitoring procedures.

DNEL / PNEC:

-

8.2 Exposure controls.

Appropriate technical measures:

Ensure sufficient ventilation.

Occupational Exposure Limits are not relevant to the current physical form of the product.

General information / 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.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Normally not required.

Hand protection:

Normally not required.

Eye protection:

Wear tightly safety goggles if risk of contact. EN 166.

Body protection:

Normal work clothing.

Measures to avoid environmental exposure:

No special precautions are necessary.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:	Paste
Colour:	Grey
Odour:	Mild
Melting point/freezing point:	Not relevant/no data
Boiling point:	>260°C
Flammability:	Not relevant/no data
Lower and upper explosion limit:	No hazard
Flash point:	154.4°C
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	Not relevant/no data
pH:	6.5 – 8.0
Viscosity:	8100 cps
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	1.04 g/cm ³
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

9.2 Other information:

VOC: 128 g/L - calculated

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reaction known under conditions of normal use and storage.
- 10.2 Chemical stability:** The product is stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** No risk of hazardous reactions during normal use and storage.
- 10.4 Conditions to avoid:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Moisture. Humidity. Contact with incompatible materials.
- 10.5 Incompatible materials:** Strong oxidizing agents.
- 10.6 Hazardous decomposition products:** Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

- Acute toxicity:** Not classified.
- Hydrophilic fumed Silica:
Oral – LD50 – Rat: >3160 mg/kg
Inhalation – LC50 – Rat: >200 mg/m³

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Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Not classified.

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity – repeated exposure: Not classified.

Aspiration hazard: Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

Additional information:

May cause discomfort if swallowed.

Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: The product is not classified as environmentally hazardous.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil: No data available.

12.5 Result of PBT and vPvB assessment:

The product does not meet the criteria for PBT or vPvB.

12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects:

None known.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. The coding of a waste stream is based on the application of the product by the consumer.

Contaminated packing:

Properly cleaned container is disposed of according to packaging material, otherwise for incineration.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant	Not relevant
14.2 UN proper shipping name	Not relevant	Not relevant
14.3 Transport hazard class(es)	Not relevant	Not relevant
14.4 Packing group	Not relevant	Not relevant
14.5 Environmental hazards – MP EmS:	No Not relevant	No Not relevant
Other informations	LQ: Not relevant Tunnel: Not relevant	LQ: Not relevant Tunnel: Not relevant

14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

SECTION 15. REGULATORY INFORMATION

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

Sources

Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

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Additional information: -

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

List of abbreviations:

LD50: Lethal Dose, 50%.

LC50: Lethal Concentration 50%.

PBT: Persistent, bioaccumulative, toxic.

vPvB: very Persistent, very Bioaccumulative.

Additional information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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