

LISTAB ZN HS – ZINC LUBRICANT

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: LISTAB ZN HS – ZINC LUBRICANT
CAS Number: 35674-68-1

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

Product use: No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company name: East Harbour Group Ltd
20 Clough Road, Severalls Industrial Park
Colchester, Essex, CO4 9QS
United Kingdom

Telephone: +44 (0) 333 242 0100
Email: info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

Section 2: Hazardous identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The substance is not classified, according to the GB CLP regulation.

2.2 Label elements

·Labelling according to Regulation (EC) No 1272/2008	Void
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void

2.3 Other hazards

None

Results of PBT and vPvB assessment

PBT:	Not applicable.
vPvB:	Not applicable.

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Section 3: Composition/information on ingredients

3.1 Substances

CAS No.:

LISTAB ZN HS

Section 4: First aid measures

4.1 Description of first aid measures

General information

Take affected persons out into the fresh air.

After inhalation

Remove to fresh air; consult doctor if symptoms persist.

After skin contact

Remove any contaminated clothing. Wash affected area with water and soap immediately and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing

Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor. Show this safety data sheet

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:

Suitable extinguishing agents - Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture - In case of fire, the following can be released:
Carbon monoxide (CO)

5.3 Advice for firefighters

Protective equipment: Use respiratory protective equipment

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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid formation of dust. Keep away from ignition sources

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Arrange for recovery or disposal in suitable containers.

6.4 Reference to other sections: No dangerous substances are released.

Section 7: Handling and storage

7.1 Precautions for safe handling

No special precautions are necessary if used correctly.

Information about fire - and explosion protection: The product is not flammable

7.2 Conditions for safe storage, including any incompatibilities

Conditions to be met by storerooms and receptacles: Keep container closed

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in dry condition

Storage class:

Classification according to Betriebssicherheitsverordnung (BetrSichV): -

7.3 Specific end use(s): No further relevant information available.

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Section 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

DNELs

In=Industrial

Prof=Professional

Cons=Consumer

LLE=Long term, local effects

LSE=Long term, systemic effects

SLE=Short term, local effects

SSE=Short term, systemic effects

Oral	DNEL/Cons/LSE	830 mg/kg bw/day (human)
	DNEL/In/LLE	8.3 mg/day (human)
Dermal	DNEL/Cons/LSE	830 mg/kg bw/day (human)
Inhalative	DNEL/Cons/LSE	25 mg/kg bw/day (human)
	DNEL/In/LSE	50 mg/kg bw/day (human)

PNECs

Oral	PNEC	35.6 g/kg (floor)
	PNEC	0.0206 mg/l (Freshwater)
		0.0061 mg/l (Marine water)
		0.052 mg/l (sewage plant)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Do not eat, drink, smoke or sniff whilst working.

Shower or take a bath at the end of work.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Respiratory protection: Filter P3

Protection of hands:



Protective gloves.

Material of gloves: Leather gloves

Eye protection: Safety glasses

Body protection: Protective work clothing.

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:	Form:
Powder Colour:	white
Odour:	Recognisable
Odour threshold:	Not determined
pH-value:	Not applicable
Change in condition	
Melting point/Melting range approx:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	not flammable
Flammability (solid, gaseous)	Product is not flammable.
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Auto-ignition temperature:	None
Explosive properties:	However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapour pressure:	Void
Density at 20 °C:	1.15 g/cm ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with Water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.

9.2 Other information

No further relevant information available.

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Section 10: Stability and Reactivity

10.1 Reactivity	No further relevant information available.
10.2 Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used in accordance with recommendations.
10.3 Possibility of hazardous reactions	Reacts with strong oxidizing agents
10.4 Conditions to avoid	No further relevant information available.
10.5 Incompatible materials:	None
10.6 Hazardous decomposition products:	No dangerous decomposition products known

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>20 mg/l (rat)

Primary irritant effect:

Skin corrosion/irritation No data available

Serious eye damage/irritation No data available

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Additional toxicological information:

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

LISTAB ZN HS – ZINC LUBRICANT**Section 12: Ecological Information****12.1 Toxicity**

Aquatic toxicity	
IC50	>100 mg/l (freshwater algae) (72 h)
EC50 (48h)	>100 mg/l (daphnia magna)
LC50 (96h)	>100 mg/l (freshwater fishes)
EC10, NOEC freshwater	
NOEC	0.06 mg/l (freshwater algae)

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Water hazard class 1 (self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

Section 13: Disposal considerations**13.1 Waste treatment methods**

Recommendation: Smaller quantities can be disposed off with household waste.

Recommendation: Disposal must be made according to official regulations.

Section 14: Transport Information**• 14.1 UN**

ADR, ADN, IMDG, IATA **Void**

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA **Void**

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

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Class **Void**

14.4 Packing group

ADR, IMDG, IATA **Void**

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user: Not applicable.

Transport/Additional information: Not dangerous according to the above specifications.

UN "Model Regulation": **Void**

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Labelling according to Regulation (EC) No 1272/2008 None

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

Waterhazard class: Water hazard class 1 (Assessment by list): slightly hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organisation ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative