



Safety data sheet

Kema HTS-1400 High Temp. Stainless Anti-seize Stainless Steel

1. Identification of the substance/preparation and of the company/undertaking

Revision: 30-04-2008/ HN Replaces: 07-08-2007	Distributor: ITW Chemical Products Scandinavia Priorsvej 36 8600 Silkeborg Tel:(+45) 86 82 64 44 Fax:(+45) 86 82 64 64 Emergency telephone number: +45 86 82 64 44 Emergency telephone number between 8 and 15.30 ; Monday to Friday. Contact person:Helle Nielsen Email: info@itw-scan.com
Product use: Lubricating compound.	
Articlenumber: 1222 (500g), 1223 (250g), 1224 (2Kg)	

2. Hazards identification

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Additional information Avoid contact with eyes. Material may cause slight irritation on prolonged or repeated contact.

3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
215-222-5	1314-13-2	zinc-oxide-	N;R50/53	2,5-<10
265-151-9	64742-49-0	Naphtha (petroleum), hydrotreated light	F; R11 Xn;R65 Xi;R38 N;R51/53 R67	2,5-<10 4 2,5-<10
231-072-3	7429-90-5	aluminium powder (pyrophoric)	R10 F;R15	
231-096-4	7439-89-6	Iron	F;R11	<2,5
-	7782-42-5	Graphite	R10 F;R15	30-40

4) R65 is not applicable due to the high viscosity of the product.
Please see section 16 for the full text of the R-phrases

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4. First aid measures

Inhalation

Seek fresh air. Seek medical advice if symptoms persist.

Ingestion

Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Call for medical attention/ambulance.

Skin

Remove contaminated clothing. Wash skin with soap and water. Seek medical advice if symptoms persist.

Eyes

Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice if symptoms persist. If irritation persists seek medical advice. (Bring this MSDS) Rinse the eyes during transportation.

Burns

Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

Other information

When obtaining medical advice, show the safety data sheet or label.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

Fire fighters should wear self-contained breathing apparatus.

6. Accidental release measures

Material can create slippery conditions underfoot. Ventilate the area. Use the same personal protective equipment as stated in section 8. Prevent spillage from entering drains and/or surface water. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains. Spillage should be contained with cloth or oil absorbent materials and placed in suitable containers for destruction. See section 13 for instructions on disposal.

7. Handling and storage

Handling

See section 8 for information about precautions for use and personal protective equipment.

Storage

Store in a cool place in the original packing. Keep container tightly closed to avoid spillage and contamination of the product.

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8. Exposure controls/ personal protection

Precautions for use

No specific precautions.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Gloves and protective clothing

Wear protective gloves made of neoprene rubber

Eye protection

Wear safety goggles if there is a risk of eye splash.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
zinc-oxide-	- ppm 5 mg/m3	-

The exposure limits stated are in accordance with EH40/2002 Occupational Exposure Limits 2002.

Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

Appearance: grey metalpatse.

Odour: Characteristic

Boiling point (°C): > 200.

Relative density (g/ml): 1,3.

Solubility in water (g/100 ml): insoluble.

Flash point (°C): 101.

Solids content (%): 39,9

Content of organic solvents (%): 0,1

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Combustion will generate: toxic smoke.

11. Toxicological information

Acute

Inhalation

At normal roomtemperature the product does not cause any health damage at inhalation. High temperatures however could cause so high concentrations of vapour that these could lead to healthrisk with symptoms as dizziness, headache and indisposition.

Ingestion

May cause chemical pneumonia if ingested or vomited.

Skin contact

Prolonged skin contact can cause irritation.

Eye contact

May cause eye irritation.

Long-term effects

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12. Ecological information

Avoid discharge to drain or surface water.

Ecotoxicity

Toxic to aquatic organisms. (Self-assessment). Danger to drinking water if even small quantities leak into the ground.

Mobility

Insoluble in water.

Persistence and degradability

No data available.

Bioaccumulative potential

No bioaccumulation data provided.

13. Disposal considerations

Collect spills and waste in closed and sealed containers and send to the local disposal facility for chemical waste.

Remains of the product should be disposed of in accordance with regulations made by the local authorities: EWC-code 07 06 99

14. Transport information

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road and sea according to ADR and IMDG.

ADR: UN 3077 ; Environmentally Hazardous Substances, Solid n.o.s. (zink oxid) ; 9 ; III

IMDG: UN 3077 ; Environmentally Hazardous Substances, Solid n.o.s. (zink oxid) ; 9 ; III

Classification code: Label ADR: 9 Hazard identification number:

Flash point: °C Label IMDG: 9 IMDG EmS.: F-A, S-F

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15. Regulatory information



Dangerous for
the environment

Hazard designation: Dangerous for the environment

Hazard symbols: N

R-phrases

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)

S-phrases

Use appropriate containment to avoid environmental contamination. (S57)

This material and its container must be disposed of as hazardous waste. (S60)

Other labelling

Chemical safety assessment

Chemical safety assessment has not been performed.

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16. Other information

Training requirement

No special training is required, but a thorough knowledge of this data safety sheet should be a prerequisite condition.

Packaging

Cans with brush, plastic cans, buckets.

Sources used

Other information

The product should only be use for the stated application or applications.

The information in this MSDS are based on our present state of knowledge and on current EEC and national laws. The users own working conditions are beyond our knowledge and control. The information in this MSDS are meant as a description of the safety requirements of our product: it may not be considered as a guarantee of the products' properties.

Full text of the R-phrases that are stated in section 3.

R10 Flammable.

R11 Highly flammable.

R15 Contact with water liberates extremely flammable gases.

R38 Irritating to skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

Amendments have been made in the following sections

There have been made changes in section 1, 14 and 16

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