SAFETY DATA SHEET

VOLTRONIC ADHESIVE LUBE IX50

Issued: 21.09.2009

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: VOLTRONIC ADHESIVE LUBE IX50

Product code: IX50

Synonyms: HAFTSYNTHESE

Use of substance / preparation: Lubricant Aerosol

Company name: VOLTRONIC & ACT GmbH
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2. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards: In use, may form flammable / explosive dust-air mixture. Harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: LOW BOILING POINT HYDROGEN TREATED NAPHTA, LIGHT (C6-C8) 70-90%
EINECS: 265-151-9 CAS: 64742-49-0
[F] R11; [Xi] R38; [N] R51/53; [Xn] R65

- KOHLENDIOXYD (CO^2) 1-10%
  EINECS: 2046969 CAS: 00124-38-9

4. FIRST AID MEASURES (SYMPTOMS)

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If breathing becomes bubbly, have the casualty sit and provide oxygen if available.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Extremely flammable. Forms explosive air-vapour mixture.

[cont...]

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Mix with sand or vermiculite.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Ensure lighting and electrical equipment are not a source of ignition. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: LOW BOILING POINT HYDROGEN TREATED NAPHTA, LIGHT (C6-C8)
WEL (8 hr TWA): 1000 mg/m³ (200ppm)

- KOHLENDIOXYD (CO^2)
  WEL (8 hr TWA): 5000 ppm

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Gloves (solvent-resistant). Gloves (oil-resistant). Breakthrough time of the glove material > 4 hours.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Yellow-tan

Odour: Characteristic odour

Solubility in water: Insoluble

Viscosity: Non-viscous

Flammability limits %: lower: 0,6

Flash point°C: -12

Autoflammability°C: >250

Vapour pressure: 6b/20°C;9b/50°C

[cont...]

Relative density: 0,65

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Sources of ignition.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile.

Persistence and degradability: Biodegradable in part only.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are disposed of by means of any of the operations in this Annex (e.g. evaporation, drying, calcination, etc.).
R1 Solvent reclamation/regeneration.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1950 **ADR Class:** 2

Classification code: 5F

Shipping name: AEROSOLS (LOW BOILING POINT HYDROGEN TREATED NAPHTA, LIGHT; KOHLENDIOXYD (CO^2))

Labelling: 2.1

IMDG / IMO

UN no: 1950 **Class:** 2

EmS: F-D,S-U **Marine pollutant:** .

[cont...]

Labelling: 2.1

IATA / ICAO

UN no: 1950 **Class:** 2

Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols: Extremely flammable.

Irritant.

Dangerous for the environment.

Risk phrases: R12: Extremely flammable.

R38: Irritating to skin.

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

Safety phrases: S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Haz. ingredients (label): LOW BOILING POINT HYDROGEN TREATED NAPHTA, LIGHT (C6-C8)

Water hazard class: 2 Classification by VwVwS

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R11: Highly flammable.

R38: Irritating to skin.

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

R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.