



# SAFETY DATA SHEET

## Herdins Brush Cleaner

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

Product name	Herdins Brush Cleaner
Part No.	109518
Applications	For cleaning paint brushes and thinning of oil and alkyd paints
*Contact person	Dag Fredrixon d.fredrixon@herdins.se
*Emergency telephones	+46 23 33060 (daytime)
Manufacturer	Herdins Färgverk AB Box 711 S-791 29 Falun Tel: +46 23 33060 Fax: +46 23 33446

### 2. HAZARDS IDENTIFICATION

*	Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Symbol	R-phrases
1-methoxy-2-propanol	203-539-1	107-98-2	5-10 %	-	R-10
Aliphatic hydrocarbon		64771-72-8	90-100 %	Xn	R-65, 66

See section 16 for explanations to R-phrases

### 4. FIRST AID MEASURES

Inhalation	Fresh air and rest Alternatively artificial respiration.
Ingestion	DO NOT induce vomiting if swallowed chemical is dissolved in petroleum based material. Danger of aspiration and development of chemical pneumonia.
Skin	Wash the skin immediately with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eyes	Rinse the eye with water immediately. Get medical attention if any discomfort continues.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media	Powder, foam or CO2.
Special fire fighting procedures	Containers close to fire should be removed or cooled with water.

<b>Specific hazards</b>	Heating creates flammable vapour which could form explosive mixture with air. Solvent vapours may form explosive mixtures with air.
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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal protection</b>	See section nr. 8
<b>Environmental protection</b>	Prevent the product from entering the drains, Pick up with absorbent material ( eg sand, kiselgur )
<b>Spill cleanup methods</b>	Collect in containers and seal securely.

## 7. HANDLING AND STORAGE

<b>Usage precautions</b>	Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required. Be cautious with smoking, open flame, sparks and welding. Eye wash station should be available at the work place.
<b>Storage precautions</b>	Keep in original container. Store at temperature below 50°C. Protect from light, including direct sunrays.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Protective equipment



<b>Ventilation</b>	Well ventilated area.
<b>Respirators</b>	If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge (organic substances).
<b>*Protective gloves</b>	Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Nitrile.
<b>Eye protection</b>	Wear splash proof eye goggles to prevent any possibility of eye contact.
<b>Hygienic work practices</b>	Wash promptly with soap & water if skin becomes contaminated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Colour</b>	Clear. Colourless.		
<b>Odour</b>	Slight.		
<b>Boiling point (°C, interval)</b>	190 - 240	<b>Pressure</b>	
<b>Density (g/cm<sup>3</sup>)</b>	0,77	<b>Temperature (°C)</b>	
<b>Vapour density (air=1)</b>	5		
<b>Vapour pressure</b>	< 1 kPa	<b>Temperature (°C)</b>	20
<b>Flash point (°C)</b>	C >61	<b>Method</b>	CC (Closed cup).

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	No particular stability concerns.
<b>Conditions to avoid</b>	Avoid contact with strong oxidisers.

## 11. TOXICOLOGICAL INFORMATION

	LD50. Oral. Rat. > 2000 mg/kg
<b>Health warnings</b>	<p>GENERAL HEALTH HAZARDS.          Exponation over long time of solvents could have affect on the central nervoussystem          INHALATION.          Solvent vapours are hazardous and may cause nausea, sickness and headaches.          SKIN CONTACT.          Acts as a defatting agent on skin. May cause cracking of skin, and eczema.          EYE CONTACT.          Contact with the eys may cause irritation          INGESTION.          Aspiration of the product to th lungs may cause chemical pneumonia</p>

## 12. ECOLOGICAL INFORMATION

<b>LC 50, 96 Hrs, Fish mg/l:</b>	> 1000
<b>EC 50, 48 Hrs, Daphnia, mg/l:</b>	> 1000
<b>*Mobility</b>	Unmiscible with water
<b>*Bio accumulation</b>	Bioaccumulation is possible.
<b>*Degradability</b>	The chemical is readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

<b>General/cleaning</b>	
<b>Disposal methods</b>	Smaller amounts: Confirm disposal procedures with environmental engineer and local regulations
<b>Waste class</b>	European Waste Catalogue (EWC): 08 01 02.

## 14. TRANSPORT INFORMATION

### ROAD TRANSPORT (ADR):

<b>ADR class</b>	Not dangerous according to ADR.
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### RAIL TRANSPORT (RID):

<b>Rail transport notes</b>	Not dangerous gods according to RID
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### SEA TRANSPORT (IMDG):

<b>Sea transport notes</b>	Not dangerous gods according to IMDG
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### AIR TRANSPORT (IATA/ICAO):

<b>Air transport notes</b>	Not dangerous gods according to IATA
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## 15. REGULATORY INFORMATION

### Symbol(s)



### \*Risk phrases

R-65 Harmful: may cause lung damage if swallowed.  
R-66 Repeated exposure may cause skin dryness or cracking.

### Safety phrases

S-2 Keep out of reach of children.  
S-24 Avoid contact with skin.  
S-51 Use only in well-ventilated areas.  
S-62 If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label.

## 16. OTHER INFORMATION

**Explanations to R-phrases in section 2** R-10 Flammable. R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.

### \* Information revised since the previous version of the SDS

**Issued by** Dag Fredrixon

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