



PERMASHINE™

PERMANENT PROTECTION, PERFECT SHINE

SAFETY DATA SHEET

PERMASHINE ALLOY WHEEL CLEANER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	PERMASHINE ALLOY WHEEL CLEANER		
PRODUCT NO.	WHEEL-CLNR		
APPLICATION	For use in the car and leather care industry		
SUPPLIER	PERMASHINE	MANUFACTURER	Croftgate Car and Leather Care Ltd Deanfield Way Link 59 Business Park Clitheroe Lancs BB7 1QU Tel: +44(0)1200 420198 (09:00 - 17:00) Fax: +44(0)1200 420199 info@croftgate.com

2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes.

CLASSIFICATION Xi;R41.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKYL DIGLYCOL ETHER SULPHATE SODIUM SALT		68891-38-3	1-5%	Xi;R38,R41.
Fatty alcohol polyglycol ether		127036-24-2	5-10%	Xi;R41.
Olefin Sulphonate, Sodium Salt	270-407-8	68439-57-6	1-5%	Xi;R38,R41.
Secondary alkane sulphonate, sodium salt	288-330-3	85711-69-9	1-5%	Xi;R38,R41.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

NOTES TO THE PHYSICIAN

No specific first aid measures noted.

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers. Runoff or release to sewer, waterway or ground is forbidden.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

No particular ventilation requirements.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Water-white		
ODOUR	Characteristic		
SOLUBILITY	Completely soluble in water		
BOILING POINT (°C)	>100 @ 760 mm Hg	RELATIVE DENSITY	1.025 @ 20
VOLATILE BY VOL. (%)	81	pH-VALUE, CONC. SOLUTION	1.3
FLASH POINT (°C)	N/A		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

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CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances. Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). Sulphurous gases (SO_x).

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

No specific health warnings noted.

INHALATION

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Irritating to eyes. Risk of serious damage to eyes.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not known. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. However, this preparation has not been classified as hazardous to the environment using the conventional method calculation.

DEGRADABILITY

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R41 Risk of serious damage to eyes.

SAFETY PHRASES

S2 Keep out of the reach of children

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

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S46	If swallowed, seek medical advice immediately and show this container or label.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S64	If swallowed, rinse mouth with water (only if the person is conscious).

DETERGENT LABELLING

5-15%	Anionic surfactants Non-ionic surfactants
< 5%	Phosphates

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES

Croner's: Dangerous Substances. Croner's: Emergency Spillage Guide. Croner's: Emergency First Aid Guide. Croner's: Substances Hazardous to Health. Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

This Safety Data Sheet supercedes all issues before 1 December 06 Section 2 updated. Section 3 updated Section 8 updated Section 9 updated Section 12 updated. Section 15 updated.

ISSUED BY

J Waterfield

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DATE March 07

RISK PHRASES IN FULL

R38	Irritating to skin.
R41	Risk of serious damage to eyes.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.