

SAFETY DATA SHEET

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

Product name: CHASSISWASH

Product code: 3900305XX

Use / description of product: Used as a detergent based product for cleaning the underside of vehicles.

Company name: AARON CHEMICALS LTD
UNIT 5 QUARRY FARM BUSINESS PARK
BODIAM
EAST SUSSEX
TN32 5AR

TEL: +44 (0)1580 830930

FAX: +44 (0)1580 830940

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM HYDROXIDE 0.5-2%
EINECS: 215-185-5 CAS: 1310-73-2
[C] R35

- CHELATING AGENT 10-15%
[Xi] R36
- NON IONIC SURFACTANT 2-5%
[Xn] R22 [Xi] R36/38
- CATIONIC SURFACTANT 0.5-2%
[Xi] R41 [N] R51/53

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

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

Ingestion: Do not induce vomiting. Rinse mouth and lips with water. Consult a doctor.

Inhalation: Remove from exposure, rest and keep warm. Loosen tight clothing and ensure the casualty is breathing freely. Transfer to hospital as soon as possible.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: This product is not flammable. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Avoid contact with skin and eyes.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage with sand or earth.

Clean-up procedures: Liquids should be contained with sand or earth to prevent release into drains. Transfer to salvage containers for neutralisation prior to disposal.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Wear eye protection, protective clothing and gloves. Avoid the formation or spread of mists in the air. Ensure there is sufficient ventilation of the area.

Storage conditions: Store at temperatures between 0°C and 35°C. Store well away from foodstuffs. Keep container tightly closed.

Suitable packaging: Keep in original packaging. If repackaging is required, ensure that the new container is compatible with this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: SODIUM HYDROXIDE
STEL (15 min exposure limit): 2 mg/m³ (OES)

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Gloves (alkali-resistant).

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Alkali resistant protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Mobile liquid

Colour: Clear yellow

Odour: Characteristic detergent

Oxidising: Non-oxidising

Solubility in water: Completely soluble.

Boiling point/range°C: 100

Flash point°C: None

Relative density: 1.055

[cont...]

pH: 13.3 (approximately)

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Acids. Other chemicals.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM HYDROXIDE

IPR MUS LD50 40 mg/kg

ORL RBT LDLO 500 mg/kg

- NON IONIC SURFACTANT

ORL RAT LD50 <2000 mg/kg

- CATIONIC SURFACTANT

ORL RAT LD50 >2000 mg/kg

Chronic toxicity: No evidence of carcinogenicity.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: SODIUM HYDROXIDE

CRANGON CRANGON 48H LC50 33-100 mg/l

- CATIONIC SURFACTANT

DAPHNIA 48H EC50 10-100 mg/l

FISH RAINBOW TROUT 96H LC50 1-10 mg/l

Mobility: Soluble in water.

Persistence and degradability: Biodegradable.

Other adverse effects: May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal operations: See Section 6. Observe all local and national regulations.

Disposal of packaging: Burn in a chemical incinerator equipped with afterburners and scrubbers.

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: -

Shipping name: "NOT SUBJECT TO ADR"

IMDG / IMO

UN no: -

[cont...]

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36/38: Irritating to eyes and skin.

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

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

Other information: Sources of information: Approved Supply List, 7th Edition. EH40/2002. Registry of Toxic Effects of Chemical Substances (RTECS). Supplier safety data sheets. Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 have been updated. Information compiled in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. Other regulations which may apply during storage, transport or use of this product include the following, as amended: Health and Safety at Work Act - 1974. Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and labelling) Regulations 1994. Control of Substances Hazardous to Health Regulations 1994 (COSHH). Control of Pollution (Special Waste) Regulations 1980. Environmental Protection (Duty of Care) Regulations 1991. Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

Risk phrases used in s.2: R22: Harmful if swallowed.
R35: Causes severe burns.
R36: Irritating to eyes.
R36/38: Irritating to eyes and skin.
R41: Risk of serious damage to eyes.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.
R53: May cause long-term adverse effects in the aquatic environment.

[cont...]

Legal disclaimer: The purpose of the information is to describe this product only in terms of Health and Safety requirements. The information given therefore, should not be construed as guaranteeing specific properties or specification. Customers should satisfy themselves as to the completeness of this information for their own particular use, bearing in mind any other Health and Safety legislation or regulations. The information and recommendations in this publication are, to the best of our knowledge, reliable. However, nothing herein is to be construed as warranty or representation. Statements concerning the use of the product(s) described herein, are not to be construed as recommending the infringement of any patent and no liability to infringement arising out of any such use is to be assumed.