



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 2020/878  
**Silverhook Radiator Flush**

**SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name: Radiator Flush

ref: SGA14

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Coolant System Flush

**1.3. Details of the supplier of the safety data sheet**

Silverhook Ltd.  
Unit 14 Bates Road  
Harold Wood, London, England  
RM3 0JH  
Tel.: +44 (0) 1708330500  
Fax.: + 44 (0) 1708330504  
Email: [522@silverhook.co.uk](mailto:522@silverhook.co.uk)  
Responsible person email: 522@silverhook.co.uk

**1.4. Emergency telephone number**

+44 (0) 1708330500 (during office hours)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (1999/45/EEC): Xi;R36.

**2.2. Label elements**

Labelling

Signal Word: Danger



Hazard Statement(s)

H319

Causes serious eye irritation

Precautionary Statement(s)

PP305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several contact lenses if present and easy to do. Continue rinsing

Supplemental Hazard:

None

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## 2.3. Other hazards

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Sodium Xylenesulphonate			3-6%
CAS-No.: 1300-72-7	EC No.: 215-090-9	Registration Number: 01-2119513350-56	
Classification (EC 1272/2008) Eye Irrit. 2 – H319		Classification (67/548/EEC) Xi;R36.	
Pentasodium Triphosphate			5-10%
CAS-No.: 7758-29-4	EC No.: 231-838-7	Registration Number: 01-2119430450-54	
Classification (EC 1272/2008) N/A		Classification (67/548/EEC) N/A	
Water			84-92%
CAS-No.: 77732-18-5	EC No.: 231-791-2	Registration Number: Exempt	
Classification (EC 1272/2008) N/A		Classification (67/548/EEC) N/A	

#### Composition Comments

The data shown is in accordance with the latest EC Directives

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

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

#### Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: seek medical attention and bring along these instructions.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Skin contact

Prolonged skin contact may cause redness and irritation.

#### Eye contact

Irritating and may cause redness and pain.

### 4.3. Indication of any immediate medical attention and special treatment needed

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!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulphurous gases (SO<sub>x</sub>). Metal oxides.

### 5.3. Advice for firefighters

#### Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

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

### **6.2. Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### **6.3. Methods and material for containment and cleaning up**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### **6.4. Reference to other sections**

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

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Provide good ventilation.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Keep away from food, drink and animal feeding stuffs.

#### **Storage Class**

Store between 5 to 40°C (41 to 104°F)

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

Ingredient Comments

No exposure limits noted for ingredient(s).

Sodium Xylenesulphonate (CAS: 1300-72-7)

Ingredient Comments

No exposure limits noted for ingredient(s)

### **8.2. Exposure controls**

Protective equipment



#### **Engineering measures**

Provide adequate ventilation

#### **Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided.

#### **Hand protection**

Use suitable protective gloves if risk of skin contact. PVC gloves are recommended.

#### **Eye protection**

If risk of splashing, wear safety goggles or face shield.

#### **Other Protection**

Wear appropriate clothing to prevent any possibility of skin contact.

#### **Hygiene measures**

DO NOT SMOKE IN WORK AREA!

Wash hands 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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Slight odour
Solubility	Soluble in water
Initial boiling point and boiling range (°C)	>100
Relative density	1.14 @ 20°C
pH-Value, Conc. Solution	7-10 (3.33%)
Flash point	> 100 CC (Closed Cup)

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## **9.2. Other information**

None.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

There are no known reactivity hazards associated with this product.

### **10.2. Chemical stability**

Stable under normal temperature conditions.

### **10.3. Possibility of hazardous reactions**

Not determined.

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## **10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time

## **10.5. Incompatible materials**

### **Materials To Avoid**

Not determined.

## **10.6. Hazardous decomposition products**

Fire creates: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Sulphurous gases (SO<sub>x</sub>), Metal oxides

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Inhalation**

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Liquid may irritate skin.

#### **Eye contact**

Irritating to eyes

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### **12.1. Toxicity**

#### **Acute Toxicity - Fish**

Not considered toxic to fish.

### **12.2. Persistence and degradability**

#### **Degradability**

There is no data on the degradability of this product.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

No data available on bioaccumulation.

### **12.4. Mobility in soil**

#### **Mobility**

The product is miscible with water. May spread in water systems.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **General information**

Do not puncture or incinerate even when empty. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### **13.1. Waste treatment methods**

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

## **SECTION 14: TRANSPORT INFORMATION**

### **General**

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

### **14.1. UN number**

No information required.

### **14.2. UN proper shipping name**

No information required.

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## **14.3. Transport hazard class(es)**

No information required.

## **14.4. Packing group**

No information required.

## **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant.

## **14.6. Special precautions for user**

No information required.

## **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No information required.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code of Practice

Classification and labelling of Substances and Preparations Dangerous for Supply Safety Data Sheets for Substances and Preparations.

#### Guidance Notes

CHIP for everyone HSG(108).

#### EU Legislation

Dangerous Preparations Directive 1999/45/EC.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

#### Revision Comments

CLP revision

Issued By Silverhook Ltd

Revision Date 18/08/2022

Revision 6

SDS No. SGA14

#### Risk Phrases In Full

R36 Irritating to eyes

#### Hazard Statements In Full

H315 Causes skin irritation.

H319 Causes serious eye irritation

#### 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.