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
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

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_2). Sulphurous gases (SO_x). 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.

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)

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

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_2), Sulphurous gases (SO_x), 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.

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	17/05/2024
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.