

SAFETY DATA SHEET

JAXA 501:51

SCREEN WASH THINNER

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Code: 501:51
Denomination: SCREEN WASH THINNER
Devised for: CLEANING

Maker / Supplier: S & R (HANDAQ) Ltd.

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2. COMPOSITION / INFORMATION HAZARDOUS SUBSTANCES

% WEIGHT SUBSTANCE - EEC NO - CAS NO - RISK SYMBOLS AND PHRASES*

50+	Aromatic Hydrocarbons (Medium Flash)	
	601 - 021 - 00 - 3	F, Xn
	108 - 88 - 3	
10 - 20	Organic Solvent	
	606 - 004 - 00 - 4	F
	108 - 10 - 1	R11
10 - 20	Alcohol	
	606 - 001 - 00 - 8	F
	67 - 64 - 1	
5 - 10	Esters	
	603 - 003 - 00 - 0	F
	67 - 63 - 0	R11

3. HAZARDS IDENTIFICATION (see also section 11)

The Product is classified as: Highly flammable, harmful.

Risk phrases:
R20 Harmful by inhalation.

4. FIRST AID MEASURES

GENERAL

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INGESTION

If accidentally swallowed seek medical advice showing this data sheet. Keep at rest. Do not provoke vomiting.

INHALATION

Take the person away to fresh air. Keep the patient warm and at rest. If breathing has stopped, initiate artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice showing this data sheet.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvent or thinners.

EYE CONTACT

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Recommended : Alcohol resistant foam, CO₂, powder, water spray / mist

Not to be used: Water jet.

RECOMMENDATIONS

Fire will produce dense black smoke containing hazardous product of combustion. (see section 10). Exposure to decomposition products may be hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

6. SAFETY MEASURES IN CASE OF ACCIDENTAL SPILLAGE

Exclude sources of ignition and ventilation the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials, e.g. sand earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow run-off from fire fighting to enter drains or water courses. Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, the local water company should be contacted immediately; in case of contamination of streams, rivers or lakes, the National Rivers Authority.

7. HANDLING AND STORAGE

Handling:

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentration of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.

Avoid skin/eye contact and inhalation of vapour or spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection, see section 8.

Never use pressure to empty; the container is not a pressure vessel. Always keep in containers made of the same material as the supply container.

Good housekeeping standards and regular safe removal of waste materials will minimise the risks of spontaneous combustion and other fire hazards.

The gross weight of this product does not exceed:

5 litres: 5 kg

Refer to the manual handling operations regulations

Storage

Store in accordance with the conditions of the licence which is necessary under the petroleum (consolidation) Act. Further guidance is contained in the HSE guidance note storage of Flammable Liquids in Containers.

Observe the label precautions. Store in a dry; well-ventilated place away from sources of heat, ignition and direct sunlight. No smoking prevents unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage.

The principles contained in the HSE guidance note storage of packaged dangerous substances, should be observed when storing this product.

Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

8. EXPOSURE CONTROL / SELF PROTECTION

Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn (see 'personal protection' below).

During thermal cure, hazardous products may be formed, which should be extracted safely away from the work area.

Exposure limits

Occupational exposure limits (OEL) have been established by the health and safety commission for certain of the ingredients and these should always be observed.

<u>SUBSTANCE</u>	<u>OCCUPATIONAL EXPOSURE LIMITS</u>		<u>NOTES³</u>
	<u>8 HOUR TWA¹</u>	<u>15 MIN STEL²</u>	
Aromatic Hydrocarbons	50 ppm	150 ppmskin	
Organic Solvents	50 ppm	100 ppmskin	
Acetone (Alcohol)	750 ppm	1500 ppm	
Propan-2-ol	400 ppm	500 ppm	
Ethanol	1000 ppm	-----	

OELs are taken from the current version of Eh40.

Personal Protection

All personal protection equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Respiratory Protection

Air-fed respiratory protective equipment must be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and methods cannot reasonably be improved.

Hand Protection

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types.

Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye Protection

Eye protection designed to protect against liquid splashes should be worn.

Skin Protection

Cotton or cotton / synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleanser.

9. CHEMICAL-PHYSICAL CHARACTERS

Physical state:	Liquid
Flash Point:	2°C. Calculated
Vapours Density:	Heavier than Air
Lower explosion Limit:	0.8 %
Solubility in water:	Partially miscible

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see Section 7).

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

Exposure to organic solvent vapours may result in adverse health effect such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergenic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible local damage.

Ingestion may lead to severe respiratory difficulties, stimulation of the central nervous system and in extreme cases unconsciousness.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

The Air Pollution Control / Integrated Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. WASTE DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of water ground or surface waters may be effected.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the control of Pollution Act and the environmental Protection Act.

Using information provided in this data sheet, advice should be obtained from the Environment Agency Whether the special waste regulations apply.

14. INFORMATION ABOUT TRANSPORT

Available on request from the export manager at S&R (HANDAQ) Ltd.

15. INFORMATION ABOUT REGULATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packing) regulations as follows:

Class: Highly flammable, harmful.

R-phases:
R20/21 Harmful by inhalation.

S-phrases:
S16 Keep away from sources of ignition - No Smoking.
S33 Take precautionary measures against static discharges.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

The information contained in this safety data sheet does not constitute the user's own transport assessment of workplace risks as required by the health and safety legislation.

The provisions of the health and safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION

RISK PHRASES OF INGREDIENTS SHOWN IN SECTION 2.

R10	Flammable
R11	Highly flammable
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin.

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements or relevant legislation are complied with.

FURTHER INFORMATION AND RELEVANT ADVICE CAN BE FOUND IN:

STATUTORY REGULATIONS

Petroleum (Consolidation) Act 1928
Health and Safety at Work etc. Act 1974
Environmental Protection Act 1990.
Petroleum (Mixtures) order 1929.
Control of Pollution (Special Waste) Regulations 1980 (SI 1980:1709).
Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657)
Manual Handling Operations Regulations 1992.
The Provision & Use of Personal Protective Equipment Regulations 1992.

HEALTH AND SAFETY EXECUTIVE GUIDANCE

EH 40	Occupational Exposure Limits. (Revised annually).
HS (G) 51	The storage of flammable liquids in containers (1990)
HS (G) 53	Respiratory protective equipment: a practical guide for users.
HS (G) 71	Storage of packed dangerous substances.

Information here reported is based on the current state of our knowledge and experience and describes the product for security reasons. S & R (HANDAQ) LTD doesn't undertake any responsibility for an inappropriate use of the product and of information reported.

S & R (HANDAQ) LTD , QORMI – MALTA