



MATERIAL SAFETY DATA SHEET

12TH December, 2011

CONCENTRATED SCREENWASH

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: Concentrated Screenwash
Supplier: R.K. & J. Jones Limited
Address: Southery Road, Feltwell
 Thetford, Norfolk, IP26 4EH, UK.
Telephone: 01842 828101

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name:	CAS No.	CONTENTS:	HEALTH:	RISK:
PROPAN 2 OL	67-63-0	1-25%	X1	36, 67
METHANOL	67-56-1	1-40%	T	23/24/25

Composition comments: The balance of the ingredients made up of low hazard chemicals.

SECTION 3: HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed.
 Flammable

SECTION 4: FIRST AID MEASURES

General: Effects may be delayed. Keep affected person under observation. First aid may be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, get medical attention promptly.

Inhalation: Move the person to fresh air at once and perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion: Drink a couple of glasses of water or milk. DO NOT INDUCE VOMITING. Get medical attention immediately.

Skin: Promptly remove clothing if soaked through and flush the skin with plenty of water.

Eyes: Immediately rinse eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, fog or mist. Foam. Alcohol resistant foam. Carbon Dioxide (CO₂) Dry chemicals, sand, dolomite etc.

Special Fire Fighting**Procedures:**

Keep run off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk. Withdraw immediately in case of rising sound from venting safety device or any discolouration of tanks due to fire. Use water spray to reduce vapours. Do not scatter spilled material with more water than needed to fight the fire. If risk of water pollution occurs, notify appropriate authorities.

Unusual Fire & Explosion**Hazards:**

FLAMMABLE. Solvent vapours may form explosive mixtures with air. Fire causes formation of toxic fumes/gases.

Hazardous Decomp**Products:**

Acrid smoke/toxic gases may be produced. Oxides of carbon.

Protective measures in fire:

Fire fighters should wear protective clothing including self contained breathing apparatus if there is a risk of exposure to flames.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Exercise caution, try to stop leak if possible, extinguish ALL sources of ignition.

Environmental Precautions:

Prevent liquid from entering sewers, basement etc.

Spill Clean Up Methods:

Small spills run to waste or drain, greatly diluting with water. Larger spills absorb on to sand or earth. Transfer into a suitable container for disposal. Flush with lots of water to clean the area.

SECTION 7 : HANDLING AND STORAGE**Usage Precautions:**

Keep away from the heat, sparks and open flame. Avoid spilling, skin and eye contact. NOTE! Good personal hygiene is important in case of contact with this product. No smoking, eating or drinking. Read and follow manufacturers recommendations.

Storage Precautions:

Keep away from heat, sparks and open flame. Keep in cool, dry, ventilated storage and close containers tightly.

Storage Class:

Flammable liquid storage.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**INGREDIENT NAME:**

Propan 2-OL
Methanol

CAS NO:

67-63-0
67-56-1

STD

OES.
OES

LT EXP. 8hrs.

400ppm.
200ppm (sk)

ST EXP. 15 MIN.

500 ppm.
250 ppm (sk)

Ventilation:

Use in a ventilated area.

Respirators:

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

Protective Gloves:

Use protective gloves made of butyl rubber. Polyvinylidene chloride/polyethylene (PVC/PE)

Eye Protection:	Wear approved chemical safety goggles where eye exposure is reasonably probable.
Other Protection:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or vapour contact. Provide eyewash.
Hygienic Work Routines:	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet. Promptly remove any clothing that becomes wet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	Clear, liquid
Colour:	Blue
Odour:	Alcohol
Solubility:	Soluble in water
Solubility value (g/100g H₂O 20°C)	100
Density/specific Gravity (g/ml)	0.93 – 0.96 TEMPERATURE (°C) :20
Volatility Description:	Emits vapours if heated
pH	7.0 – 8.0
Flash Point (°C)	28°C
Auto Ignition Temp (°C)	460 (°C)
Flammability Limit – Lower	2
Flammability Limit – Upper	12

SECTION 10 : STABILITY AND REACTIVITY

Conditions to avoid:	Avoid heat, flames and other sources of ignition. Avoid contact with: Oxidising materials. Strong mineral acids.
Stability:	Avoid: Heat, sparks, flames and moisture.
Hazardous decomposition Products:	Acrid smoke/toxic gases may be produced. Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information:	Over exposure by inhalation or through skin absorption may lead to dizziness, headache and anaesthesia. Prolonged or repeated skin contact can lead to irritation by solvent action. Prolonged contact with skin may cause irritation.
Health Hazards, General:	Avoid contact with skin and eyes, do not inhale.
Inhalation:	Inhalation of concentrated vapour may cause dizziness, headaches, etc.
Skin Contact:	Follow good hygiene practice, wash hands thoroughly after using this product.
Eye contact:	Vapour can be irritating.

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Information:	Do not allow product to enter surface water courses in significant quantities.
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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with Local Authority requirements. Small amounts may be flushed with water. Larger volumes must be sent to approved plant for destruction.

SECTION 14 : TRANSPORT INFORMATION**Road Transport**

UN No 1993

SECTION 15 : REGULATORY INFORMATION**EEC DANGEROUS SUBSTANCE/PREPARATIONS CLASSIFICATION:**

Risk Phrases: R-10 Flammable
R-20/22 Harmful by inhalation and if swallowed.

Safety Phrases: S-2 Keep out of reach of children
S-7 Keep container tightly closed.
S-9 Keep container in well ventilated place.
S16 Keep away from sources of ignition-no smoking
S46 If swallowed seek medical advice immediately and show this container label.
S51 Use only in well ventilated place.

Refer to your national legislation implementing the EEC Directive 91/155 EEC.

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

Note: The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued, but are offered without guarantee or warranty. They relate to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Conditions of use of the material are under the control of the user, therefore, it is the users responsibility to satisfy himself/herself as to the suitability and completeness of such information for his/her own particular use.