

INFORMATION / APPLICATION DATA SHEET
SOLVENT BASED HEAVY DUTY DE-GREASER
JC101

This product must only be used by competent cleaning contractors, experienced in the use of solvent based de-greasers.

DATA SHEET

PRODUCT DESCRIPTION

JC101 is a heavy duty de-greaser, specially formulated for removing grease and oil deposits from machinery, floors, tanks, de-waxing of metal and painted parts, etc. Non-corrosive and emulsifiable, safe and easy to use, contains special organic solvents and emulsifiers to break down grease and oil deposits.

PRE-CLEANING

Remove heavy grease deposits with a scraper and keep the surface dry before applying JC101.

PROTECTION PRIOR TO CLEANING

When cleaning floor areas protect all electric motors with polythene sheeting these and similar components to be protected accordingly.

MASKING MATERIALS

Waterproof masking tape, polythene sheeting (500 gauge).

PUBLIC AND THIRD PARTY PROTECTION

Erect safety barriers around the working area, warning signs indicating "Chemical Cleaning in Progress" must be placed in view of public.

APPLICATION

Remove all heavy deposits from the surface with a scraper. Apply JC101 by low pressure chemical spray or brush, allow to dwell for approximately 10 minutes or before the product dries, a further application may be necessary before rinsing with high pressure water, high pressure hot water is more advantageous for breaking down the oil deposits more rapidly.

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It may be necessary to apply a further coat of JC101 to remove the remaining grease or oil deposit, but before applying JC101 make sure the surface has dried out. Smaller items of machinery, tools, etc., may be immersed in JC101 for approximately 5 to 10 minutes, light brushing may be necessary to remove the oil film, followed by rinsing in running water.

Good ventilation is necessary to remove the fumes (TLV 8 hours 200 PPM), do not smoke and do not use near naked flames or hot surfaces

COVERAGE - Approximately 3.8m²/Litre

HANDLING & STORAGE

Containers must be stored in cool, secure, approved conditions for highly flammable materials, caps must be secure, do not store near heat or naked flame. Should the product be used in confined spaces breathing apparatus must be worn. For accidental spillage's flush with water, this will emulsify the product and allow the solvent to evaporate.

In case of contact with eyes flood with copious amounts of clean water. In case of contact with skin wash with copious amounts of soapy water for at least 5 to 15 minutes. If Irritation persists seek medical attention. The product is toxic if swallowed.

RINSING

Pumps capable of delivering 103 BAR @ 18 L/Min are required for the rinsing process. The fan jet held approximately 150 to 200mm away from the surface with slow even movements of the lance until complete rinsing has been achieved.

BASIC RULES FOR HIGH PRESSURE WATER RINSING EQUIPMENT

1. Never point the gun at anyone even if switched OFF.
2. Never work from a ladder.
3. Never use the gun with the trigger locked on.
4. Always ensure your equipment is in first class condition
5. Always wear the correct protective clothing.

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6. Only a responsible person who has received instruction in the operation of high pressure water jetting equipment should be allowed to use it.

SAFETY PRECAUTIONS

JC101 is an industrial strength cleaner containing organic solvents, it has a flash point of approximately 40°C (PMCC) and is classified as a flammable liquid, care must be taken when transferring chemical from container to bucket (Only competent persons should handle this product). Spillages should be dealt with immediately. Should a fire occur use foam, carbon dioxide or dry powder fire extinguishers.

PERSONAL PROTECTION

Full face visor, rubber or P.V.C. gauntlets, rubber boots and chemical protective wet suit with hood must be worn. Good ventilation is necessary, the quantity of fumes in the air should not be greater than 200 PPM, use breathing apparatus in confined spaces. No smoking, keep away from naked flames or hot surfaces.

FIRST AID

In case of contact with eyes flood with copious amounts of clean water, in case of contact with skin wash with copious amounts of clean soapy water for at least 5 to 15 minutes, the product would be toxic if swallowed, drink large quantities of water or milk and seek medical attention in all cases.

COMPLETION OF CLEANING - ADDITIONAL PRECAUTIONS

When empty, the containers should be filled with water and disposed of in the approved manner, remove all protective sheeting, and leave the area in a clean tidy condition.

ECOLOGY

The organic solvents in the formulation will evaporate into air after a few hours, the detergent content is biodegradable, when mixed with water the product emulsifies. Plants and shrubs should be protected with plastic sheeting, also electric components. Contractors should contact the appropriate authorities before disposal of the waste debris.

DISPOSAL OF CONTAINERS

When empty, containers should be filled with water and then emptied and disposed of in the approved manner.

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SPECIAL FEATURES

Have 25 Litres of clean water available in case of emergencies.

Regulatory Information

Consult the Material Safety Data Sheet covering this product for the chemical composition and information on ingredients.

The information provided here does not constitute the users own assessment of workplace risks as required by the Health & Safety legislation.

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