

**5 litres. CANNOT BE SENT BY POST**  
**SAFETY DATA SHEET**  
**CLEANSING FLUID**

Ref: T66070

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

**PRODUCT NAME**                   CLEANSING FLUID  
**PRODUCT NO.**                   66070  
**APPLICATION**                   Solvent  
**SUPPLIER**                       MacDermid plc  
   Palmer Street  
   Bordesley  
   Birmingham  
   B9 4EU  
   +44 (0) 121 606 8100  
**EMERGENCY TELEPHONE**       24 Hour Emergency Incident Number +44 (0)208 762 8322

UN NO: 1268  
Pkg Grp: 11  
LQ 4  
3/12 litres

**2 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.: LOW BOILING POINT NAPHTH	265-192-2	64742-89-8	60-100%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

The Full Text for all R-Phrases are Displayed in Section 16

**3 HAZARDS IDENTIFICATION**

Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.  
**CLASSIFICATION**                   Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

**4 FIRST-AID MEASURES**

**GENERAL INFORMATION**

CAUTION! First aid personnel must be aware of own risk during rescue! NOTE! Keep affected person away from heat, sparks and flames! NOTE! Effects may be delayed. Keep affected person under observation.

**INHALATION**

Move the exposed person to fresh air at once. Rinse nose and mouth with water. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Rinse nose, mouth and throat with water. DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately!

**SKIN CONTACT**

Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Beware, risk of formation of toxic and corrosive gases. Be aware of danger of explosion. Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to flames with water until well after the fire is out. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

HIGHLY FLAMMABLE! May explode in a fire. May travel considerable distance to source of ignition and flash back. Vapour explosion and poison hazard indoors, outdoors and in sewers.

# CLEANSING FLUID

## SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

## PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting. Wear full protective clothing.

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## 6 ACCIDENTAL RELEASE MEASURES

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### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Take precautionary measures against static discharges. Do not smoke, use naked flames or other sources of ignition. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Avoid release to the environment.

### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Runoff or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved.

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## 7 HANDLING AND STORAGE

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### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment. Contaminated rags and cloths must be put in fireproof containers for disposal. Do not use in confined spaces without adequate ventilation and/or respirator. Observe workplace exposure limits and minimise the risk of inhalation of vapours and mist.

### STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep away from heat, sparks and open flame. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Take precautionary measures against static discharges.

### STORAGE CLASS

Flammable liquid storage.

**MIN. STORAGE TEMP (°C)** 5

**MAX. STORAGE TEMP (°C)** 40

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. Explosion-proof general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Seek advice from supervisor on the companies respiratory protection standards.

### HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Viton rubber (fluor rubber), Nitrile. Seek advice from local supervisor.

### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact. Contact lenses should not be worn when working with this chemical!

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## OTHER PROTECTION

Provide eyewash station and safety shower. Wear suitable protective clothing as protection against splashing or contamination.

## HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated. Promptly remove non-impervious clothing that becomes wet. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties. Wash at the end of each work shift and before eating, smoking and using the toilet. **DO NOT SMOKE IN WORK AREA!**

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Clear liquid		
<b>COLOUR</b>	Colourless		
<b>ODOUR</b>	Petroleum.		
<b>SOLUBILITY</b>	Insoluble in water		
<b>BOILING POINT (°C)</b>	100 - 120	<b>RELATIVE DENSITY</b>	0.7
<b>FLASH POINT (°C)</b>	~ 2 CC (Closed cup).	<b>AUTO IGNITION TEMPERATURE (°C)</b>	230
<b>FLAMMABILITY LIMIT - LOWER(%)</b>	0.6	<b>FLAMMABILITY LIMIT - UPPER(%)</b>	7.0

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use. Avoid: Contact with combustibles. Heat, sparks, flames.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

### MATERIALS TO AVOID

Strong oxidising substances. Strong acids. Flammable/combustible material.

### HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 11 TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

### INHALATION

Vapours may cause drowsiness and dizziness. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

### INGESTION

Harmful: may cause lung damage if swallowed. May cause nausea, headache, dizziness and intoxication. May cause liver and/or renal damage. Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhoea.

### SKIN CONTACT

Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

### MEDICAL SYMPTOMS

Mild intoxication (incl. fatigue, lassitude, irritability, headache, nausea). Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression.

## 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.

### BIOACCUMULATION

The product contains potentially bioaccumulating substances.

### DEGRADABILITY

The product is not readily biodegradable.

### WATER HAZARD CLASSIFICATION

# CLEANSING FLUID

## 13 DISPOSAL CONSIDERATIONS

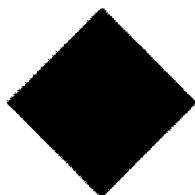
### GENERAL INFORMATION

Waste is classified as special waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### DISPOSAL METHODS

Environmental manager must be informed of all major spillages. Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

## 14 TRANSPORT INFORMATION



<b>UK ROAD CLASS</b>	3		
<b>PROPER SHIPPING NAME</b>	PETROLEUM DISTILLATES, N.O.S. (solvent naphtha, aliphatic)		
<b>UN NO. ROAD</b>	UN1268	<b>UK ROAD PACK GR.</b>	II
<b>ADR CLASS NO.</b>	3	<b>ADR CLASS</b>	Class 3: Flammable liquids.
<b>ADR PACK GROUP</b>	II	<b>HAZARD NO. (ADR)</b>	33 Highly flammable liquid (flash-point below 23°C).
<b>UN NO. SEA</b>	UN1268	<b>IMDG CLASS</b>	3
<b>IMDG PACK GR.</b>	II	<b>EMS</b>	F-E, S-E
<b>MARINE POLLUTANT</b>	No.	<b>UN NO. AIR</b>	UN1268
<b>AIR CLASS</b>	3	<b>AIR PACK GR.</b>	II

## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Highly Flammable



Dangerous for the environment

### CONTAINS

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.; LOW BOILING POINT NAPHTH

### RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

### SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S43	In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Do not use water.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste

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S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

## EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations. 2001/58/EEC. Also in accordance with 2001/60/EC & 2004/73/EC

## APPROVED CODE OF PRACTICE

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

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

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## 16 OTHER INFORMATION

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### SAFETY DATA SHEET STATUS

Approved.

DATE 14/02/2006

SIGNATURE BH

### RISK PHRASES IN FULL

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