

ATTN: MR RUSSELL

Printing date: 23 February, 2005

## MATERIAL SAFETY DATA SHEET

**1 IDENTIFICATION OF SUBSTANCE**

Product name: CGP Solvent Cleaner no: 5

Product code:

Manufacturer/Supplier: CGP Chemicals Ltd

"The Old Dairy"

Newton Road

Newton Solney

Burton-on-Trent. DE15 0TQ

Tel No: 01283 511101 Fax No: 01283 511102

**2 COMPOSITION/DATA ON COMPONENTS**

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.:			
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT			
64742-49-0	285-151-9	Xi ,F ,N R-11, 38, 51/53, 65, 67	60-100 %
ACETONE			
67-64-1	200-662-2	Xi ,F R-11, 38, 66, 67	10-30 %
PROPAN-2-OL			
67-63-0	200-661-7	Xi ,F R-11, 36, 67	10-30 %

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

**3 HAZARD IDENTIFICATION**

Highly flammable. Irritating to eyes and 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.

**4 FIRST AID MEASURES**

<b>GENERAL:</b>	NOTE! Effects may be delayed. Keep affected person under observation. NOTE! Keep affected person away from heat, sparks and flames!
<b>INHALATION:</b>	Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.
<b>INGESTION:</b>	Remove victim immediately from source of exposure. Rinse mouth thoroughly. NOTE! Keep affected person away from heat, sparks and flames! DO NOT induce vomiting. Get medical attention immediately.
<b>SKIN:</b>	Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
<b>EYES:</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use: Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO2).

**SPECIAL FIRE FIGHTING PROCEDURES:**

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Be aware of danger for fire to re-start. Keep run-off water out of sewers and water sources. Dike for water control.

**UNUSUAL FIRE & EXPLOSION HAZARDS:**

Vapours are heavier than air and may spread near ground to sources of ignition.

**6 ACCIDENTAL RELEASE MEASURES**

**SPILL CLEANUP METHODS:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

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Stop leak if possible without risk. Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Small quantities may be flushed to drains with plenty of water.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS:**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Risk of vapour concentration on the floor and in low lying areas. Static electricity and formation of sparks must be prevented.

**STORAGE PRECAUTIONS:**

Flammable/combustible - Keep away from oxidizers, heat and flames. Keep containers tightly closed.

**STORAGE CRITERIA:**

Flammable liquid storage.

**8 EXPOSURE CONTROLS & PERSONAL PROTECTION GEAR**

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT	64742-49-0	OES	1000 mg/m3	
ACETONE	67-64-1	OES	1500 ppm	500 ppm
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm

**PROTECTIVE EQUIPMENT:****PROCESS CONDITIONS:**

Provide eyewash station.

**VENTILATION:**

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

**RESPIRATORS:**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with appropriate cartridge.

**PROTECTIVE GLOVES:**

Use protective gloves.

**EYE PROTECTION:**

Use approved safety goggles or face shield.

**OTHER PROTECTION:**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENIC WORK PRACTICES:**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. No eating or drinking while working with this material. DO NOT SMOKE IN WORK AREA!

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Liquid.	
COLOUR:	Colourless.	
ODOUR/TASTE:	Characteristic.	
DENSITY/SPECIFIC GRAVITY (g/ml):	<1.0	Temperature (°C): 20
SOLUBILITY DESCRIPTION:	Insoluble in water.	
FLAMMABILITY LIMIT - LOWER(%):	0.9	
FLAMMABILITY LIMIT - UPPER(%):	13.0	

**10 STABILITY AND REACTIVITY**

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.
HAZARDOUS DECOMP. PRODUCTS:	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

**11 TOXICOLOGICAL INFORMATION**

INHALATION:	Solvent vapours are hazardous and may cause nausea, sickness and headaches.
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Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Harmful by inhalation. Irritating to respiratory system.

**INGESTION:** May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach. Pneumonia may be the result if vomited material containing solvents reaches the lungs. Harmful if swallowed.

**SKIN:** Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin. Harmful in contact with skin.

**EYES:** Irritating to eyes. Irritation, burning, lacrimation, blurred vision after liquid splash.

**HEALTH WARNINGS:** Repeated exposure may cause chronic eye irritation. Swallowing concentrated chemical may cause severe internal injury.

**ROUTE OF ENTRY:** Inhalation. Ingestion. Skin and/or eye contact.

**MEDICAL SYMPTOMS:** Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

**12 ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Dangerous for the environment if discharged into watercourses.

**13 DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS:** Collect on absorbent material, place in cardboard kegs and incinerate. Incinerate in suitable combustion chamber. Do not allow runoff to sewer, waterway or ground. Dispose of in accordance with Local Authority requirements.

**14 TRANSPORT INFORMATION**

**LABEL FOR CONVEYANCE:**



<b>UN No. ROAD:</b>	1993
<b>UK ROAD TRANSPORT CLASS:</b>	3
<b>UK ROAD PACK GR.:</b>	II
<b>ADR CLASS No.:</b>	3
<b>ADR CLASS:</b>	Class 3: Flammable liquids.
<b>ADR ITEM No.:</b>	2(b),3(b),5(c)
<b>HAZARD No. (ADR):</b>	33 Highly flammable liquid (flash-point below 23°C).
<b>ADR MARGINAL:</b>	2301
<b>ADR LABEL No.:</b>	3
<b>HAZCHEM CODE:</b>	3YE
<b>CEFIC TEC(R) No.:</b>	30G30
<b>PROPER SHIPPING NAME I:</b>	FLAMMABLE LIQUID, N.O.S. (NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT, ACETONE)
<b>RID CLASS No.:</b>	3
<b>RID ITEM No.:</b>	2(b),3(b),5(c)
<b>UN No. SEA:</b>	1993
<b>IMDG CLASS:</b>	3
<b>IMDG PACK GR.:</b>	II
<b>EmS No.:</b>	3-07
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1993
<b>ICAO CLASS:</b>	3
<b>AIR PACK GR.:</b>	II

**15 REGULATIONS**

**RISK PHRASES:** R-11 Highly flammable.

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**SAFETY PHRASES:**

R-36/38 Irritating to eyes and skin.  
 R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R-65 Harmful: may cause lung damage if swallowed.  
 R-67 Vapours may cause drowsiness and dizziness.  
 S-16 Keep away from sources of ignition - No Smoking.  
 S-2 Keep out of reach of children.  
 S-24/25 Avoid contact with skin and eyes.  
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S-51 Use only in well ventilated areas.  
 S-60 This material and its container must be disposed of as hazardous waste.  
 S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.  
 S-62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

**UK REGULATORY REFERENCES:**

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations 1993.

**EU DIRECTIVES:**

Dangerous Preparations Directive 88/379. System of specific information relating to Dangerous Preparations. 91/155.

**STATUTORY INSTRUMENTS:  
 APPROVED CODE OF PRACTICE:**

Chemicals (Hazard Information and Packaging) Regulations.  
 Safety Data Sheets for Substances and Preparations L62. Classification and Labelling of Substances and Preparations Dangerous for Supply.  
 Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

**GUIDANCE NOTES:**

**LABEL FOR SUPPLY:**



**16 OTHER INFORMATION**

**R-PHRASES (Full Text):**

R-11 Highly flammable. R-38 Irritating to skin. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-67 Vapours may cause drowsiness and dizziness. R-36 Irritating to eyes. R-68 Repeated exposure may cause skin dryness or cracking.