



## SAFETY DATA SHEET 3-IN-1 TOOL CLEANER

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

PRODUCT NAME                    3-IN-1 TOOL CLEANER  
 APPLICATION                    Tool cleaner.  
 SUPPLIER                        WD-40 Company Limited  
    PO Box 440  
    Kiln Farm  
    Milton Keynes  
    MK11 3LF  
    Tel: 01908 555400  
    Fax: 01908 266900

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM) SOLVENT REFINED LIGHT	265-086-6	64741-84-0	60-100%	Xn;R65. F;R11. N;R51/53. R66,R67.
PETROLEUM GASES, LIQUIFIED	270-704-2	68476-85-7	10-30%	F+;R12.

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

### 3 HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION                    F+;R12. N;R51/53. R66, R67.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

#### EYE CONTACT

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: Foam. Water spray, fog or mist. Dry chemicals, sand, dolomite etc.

#### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

#### SPECIFIC HAZARDS

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

**3-IN-1 TOOL CLEANER****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**ENVIRONMENTAL PRECAUTIONS**

Avoid discharge to the aquatic environment.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with inert, damp, non-combustible material, then flush area with water. Do not let washing down water contaminate ponds or waterways.

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

Keep away from heat, sparks and open flame. Avoid inhalation of vapours/spray and contact with skin and eyes.

**STORAGE PRECAUTIONS**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
NAPHTHA (PETROLEUM) SOLVENT REFINED LIGHT			1000 mg/m3		
PETROLEUM GASES, LIQUIFIED	WEL	1000 ppm	1750 mg/m3	1250 ppm	2180 mg/m3

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Well-ventilated area.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear liquid		
ODOUR	Mild		
PHYSICAL DATA COMMENTS	Information given concerns the concentrated solution.		
SOLUBILITY	Insoluble in water Miscible with Organic solvents		
BOILING POINT (°C)	90°C - 104°C	RELATIVE DENSITY	0.72 @ 15°C
EVAPORATION RATE	3.30 (EtEt=1)		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**HAZARDOUS DECOMPOSITION PRODUCTS**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

**11 TOXICOLOGICAL INFORMATION**

### 3-IN-1 TOOL CLEANER

**INHALATION**

Vapours may cause drowsiness and dizziness.

**INGESTION**

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

**SKIN CONTACT**

Repeated exposure may cause skin dryness or cracking.

**EYE CONTACT**

Spray and vapour in the eyes may cause irritation and smarting.

**HEALTH WARNINGS**

CNS depressant.

Name	PETROLEUM GASES, LIQUIFIED
Toxic Conc. - LC 50	> 5 mg/l Not noted.

#### 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Name	NAPHTHA (PETROLEUM) SOLVENT REFINED LIGHT
LC 50, 96 Hrs, FISH mg/l	1 - 10

#### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk).

#### 14 TRANSPORT INFORMATION



UK ROAD CLASS	2.1		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	#
ADR CLASS NO.	2.1	ADR CLASS	Class 2: Gases
ADR PACK GROUP	#	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2.1
RID PACK GROUP	#	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PACK GR.	#
EMS	F-D, S-U	MARINE POLLUTANT	No.
UN NO. AIR	1950	AIR CLASS	2.1
AIR PACK GR.	#		

#### 15 REGULATORY INFORMATION

**LABELLING**



Extremely Flammable



Dangerous for the environment

**RISK PHRASES**

R12	Extremely flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.

**3-IN-1 TOOL CLEANER**

R67	Vapours may cause drowsiness and dizziness.
SAFETY PHRASES	
S2	Keep out of the reach of children
S16	Keep away from sources of ignition - No smoking.
S29	Do not empty into drains.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.

## DETERGENT LABELLING

> 30% Aliphatic hydrocarbons

## STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

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

## GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

## REVISION COMMENTS

This is first issue.

REVISION DATE 05-2007

## RISK PHRASES IN FULL

R11	Highly flammable.
R12	Extremely flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.