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**Material Safety Data Sheet 3-in-One Silicone Lubricant****3-IN-ONE****1 IDENTIFICATION****Product name** : 400ml 3-IN-ONE Silicone Lubricant

**Supplier** : WD-40 Company Ltd.  
 PO Box 440  
 Kiln Farm  
 Milton Keynes  
 MK11 3LF  
 Tel: 01908 555400  
 Fax: 01908 266900

**Product Use** : Not available.**2 COMPOSITION**

Chemical name*	CAS No.	%	EC Number	Classification
Hydrocarbon Aerosol Propellant, Aliphatic Hydrocarbon Distillates (Petroleum), Hydrotreated Light	106-97-8	40-50	203-448-7	F+; R12
	64742-47-8	30-40	265-149-8	Xn; R65
				R66
Naptha (Petroleum), Hydrotreated Heavy	64742-48-9	10-20	265-150-3	R10
				Xn; R65
				R66

See Section 16 for the full text of the R Phrases declared above

\* Occupational Exposure Limit(s), if available, are listed in section 8

**3 HAZARDS IDENTIFICATION**

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : F+; R12**4 FIRST AID MEASURES**

<b>General</b>	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	: Remove to fresh air. Keep person warm and at rest. If not breathing, if irregular breathing, or respiratory arrest occurs provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
<b>Skin Contact</b>	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
<b>Eye Contact</b>	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
<b>Ingestion</b>	: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

**5 FIRE-FIGHTING MEASURES**

<b>Extinguishing Media</b>	: Recommended: alcohol resistant foam, CO2, powders, water spray. : Not to be used: waterjet
<b>Recommendations</b>	: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways

400ml

S/S // Stibo // SE2

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## 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
- Spill** : Contain and collect spillage with non-combustible absorbent materials. e.g. sand, earth, vermiculite, diatomaceous earth, and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product contaminates lakes, rivers or sewers, inform the appropriate authorities in accordance with local regulations.

**Note:** See section 8 for personal protective equipment and section 13 for waste disposal.

## 7 HANDLING AND STORAGE

- Handling** : Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.
- In addition, the product should be used only in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
- Keep away from heat, sparks and flame. No sparking tools should be used.
- Avoid contact with skin and eyes. Avoid the inhalation of spray mist arising from the application of this preparation.
- Eating drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
- Put on appropriate personal protective equipment (see section 8).  
Comply with the health and safety at work laws.
- Storage** : Store in accordance with local regulations. Observe label precautions. Store in a cool, well ventilated area away from incomplete materials and ignition sources.
- Keep away from: OXIDIZING AGENTS, strong alkalis, strong acids.  
No smoking. Prevent unauthorised access
- Do not empty into drains.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.
- Personal protective equipment**
- Respiratory system** : If workers are exposed to concentrations above the exposure limit, they must use appropriate certified respirators.
- Skin and body** : Personnel should wear antistatic clothing made of natural fibres or of high temperature resistant synthetic fibres.
- Hands** : For prolonged or repeated handling, use gloves: nitrile.  
Barrier creams may help to protect the exposed areas of the skin, but should not be applied once exposure has occurred.
- Eyes** : Use safety eyewear designed to protect against splash of liquids.

**Environmental exposure control**

Do not allow to enter drains or watercourses.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : Aerosol.  
**Colour** : Clear.  
**Odour** : Not available.  
**pH** : Not applicable  
**Solubility** : Insoluble in cold water, hot water.

## 10 STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: OXIDIZING AGENTS, strong alkalis, strong acids.

## 11 TOXICOLOGICAL INFORMATION

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See Sections 2 and 15 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse affects on the kidneys, liver and central nervous system. Solvents may cause some of the above effects by absorption through the skin. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and irreversible damage.

## 12 ECOLOGICAL INFORMATION

There is no data available on the preparation itself.  
Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 2 for details.

## 13 DISPOSAL CONSIDERATIONS

Do not allow to enter drains or watercourses.  
Dispose of according to all federal, state and local applicable regulations.  
**European Waste Catalogue** : Not available.  
**Hazardous Waste** : The classification of the product may meet the criteria for a hazardous waste.

## 14 TRANSPORT INFORMATION

Land – Road/Railway  
**UN Number** : 1950  
**Transport Document Name** : AEROSOLS  
**ADR/RID Class** : 2  
**ADR/RID Item Number** : Classification Code: 5F  
**Packing Group** :

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ADR/RID Label :



## Sea

UN Number : 1950  
Proper Shipping Name : AEROSOLS  
IMDG Class : 2  
Packing Group :  
IMDG Label :



Marine Pollutant : No  
Emergency Schedules (EmS) : F - D, S - U

## Air

UN Number : 1950  
Proper Shipping Name : Aerosols, flammable  
ICAO/IATA Classification : 2.1  
Packing Code :  
ICAO/IATA Label :



## 15 REGULATORY INFORMATION

**EU Regulations** : The product is labelled as follows, in accordance with local regulations:

**Indication of Danger** : Extremely flammable.

**Safety Phrases** : S2 - Keep out of the reach of children.

**Additional Warning Phrases** : Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or incandescent material. Keep away from sources of ignition. - Do not smoke.

**EC Statistical Classification** : 32089091  
(Tariff Code)

### **National regulations**

**VOC Content (retail use)** : Not applicable.

**VOC Content (Industrial Use)** :

**Hazard Symbol (s)** :



Extremely flammable

**Risk Phrases** : R12- Extremely flammable

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## 16 OTHER INFORMATION

CEPE Classification : 1  
Full text of R-Phrases with : R12- Extremely flammable.  
no. appearing in section 2 R10- Flammable.  
- United Kingdom (UK) R65- Harmful: may cause lung damage if swallowed.  
R66- Repeated exposure may cause skin dryness or cracking.

The information in this Safety Data Sheet is required pursuant to

Date of issue : 25/06/2003.

### Notice to Reader

*The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It always is the responsibility of the user to take all necessary steps to fulfil the demand set out in the local rules and legislation. The information in the SDS is meant as a description of the safety requirements of our product: it is not to be considered a guarantee of the products properties.*

Version 1

3-IN-ONE is a Trademark.

Date:

A handwritten signature in black ink, appearing to read 'William Noble'.

William Noble

Title: Managing Director

Date: 25:06:03