

SAFETY DATA SHEET

GLOBAL DW4 SPRAY

Issued: 25/02/2012

Revision No: 3

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

Product name: GLOBAL DW4 SPRAY

Company name: Global Lubricants Ltd

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West Midlands, B66 1NN

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

• LOW BOILING POINT HYDROGEN TREATED NAPHTHA-NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY 50-70%

EINECS: 265-185-4 CAS: 64742-82-1

[-] R10; [T] R46; [N] R51/53; [Xn] R65;

• PROPAN -2-OL 1-10% EINECS: 200-661-7 CAS: 67-63-0

[F+] R11, [Xi] R36, [-] R67

• BUTANE 10-30% EINECS: 203-448-7 CAS: 106-97-8

[F+] R12

3. HAZARDS IDENTIFICATION

Main hazards:

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

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms

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4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Mix with sand or vermiculite. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

•PROPAN-2-OL WEL (8 hr exposure limit): 999 mg/m³ WEL (15 min exposure limit): 1250 mg/m³

• BUTANE WEL (8 hr exposure limit): 1450 mg/m³ WEL (15 min exposure limit): 1810 mg/m³

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Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Not required.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Almost colourless

Odour: Characteristic odour

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Flash point°C: 11

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition. Flames.

Materials to avoid: Oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: Propan-2-ol

IVN RAT LD50 1088 mg/kg

ORL MUS LD50 3600 mg/kg

ORL RAT LD50 5045 mg/kg

SCU MUS LDLO 6 gm/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water. Readily absorbed into soil.

Persistence and degradability: Not Biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

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13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1950

ADR Class: 2

Classification code: 5F

Shipping name: AEROSOLS

Labelling: 2.1



IMDG / IMO

UN no: 1950 **Class:** 2

EmS: F-D,S-U **Marine pollutant:** .

Labelling: 2.1

IATA / ICAO

UN no: 1950 **Class:** 2

Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols:



Highly flammable.



Dangerous to the environment.

Risk phrases:

R11: Highly flammable.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe aerosol.

S38: In case of insufficient ventilation wear suitable respiratory equipment

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/safety data sheets

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Precautionary phrases:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk phrases used in s.2:

R11: Highly flammable.

R12: Extremely flammable.

R10: Flammable.

R36: Irritating to eyes.

R46: May cause heritable genetic damage.

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.