



Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

MSDS Version: E05.00

Date of issue: 20/05/2019

Blend Version: 4

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Multi-Lube (Aerosol)
Product code : WOUK W10379

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaning product

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wynn Oil U.K. (ITW Additives UK)
7 Westwood House
Westwood Business Park Coventry
CV4 8HS West Midlands - UK
T +44 (0)24 7647 4069
helpline@wynns.uk.com - <http://www.wynns.uk.com>

1.4. Emergency telephone number

Emergency number : During office hours: +44 (0)24 7647 4069 - Outside office hours: BIG:
+32(0)14/58.45.45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1 H222;H229
Aquatic Chronic 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.
P210 - Keep away from heat, open flames, sparks, hot surfaces. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P273 - Avoid release to the environment.

2.3. Other hazards

No additional information available

Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % w | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|---------|--|
| Petroleum gases, liquefied | (CAS-No.) 68476-85-7 (EC-No.) 270-704-2 (REACH-no) 01-2119485911-31 | 25 - 50 | Flam. Gas 1, H220 Press. Gas (Liq.), H280 |
| hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane | (EC-No.) 926-605-8 (REACH-no) 01-2119486291-36 | 5 - 10 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Check the vital functions. Victim conscious with laboured breathing: half-seated. Unconscious: maintain adequate airway and respiration. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Respiratory arrest: artificial respiration or oxygen. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. |
| First-aid measures after inhalation | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Call a POISON CENTER/doctor if you feel unwell. As it is a spray can packaging it is most unlikely that large quantities will be swallowed. |

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|---------------------------------------|
| Suitable extinguishing media | : Water spray. AFFF foam. ABC-powder. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|---|
| Fire hazard | : Gas/vapour spreads at floor level: ignition hazard. Extremely flammable aerosol. Gas/vapour flammable with air within explosion limits. |
| Explosion hazard | : May be ignited by sparks. Risk of explosion if heated under confinement. Gas/vapour explosive with air within explosion limits. |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Cool closed containers exposed to fire with water spray. Physical explosion risk: extinguish/cool from behind cover. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : protective clothing. Protective goggles. Gloves. Large spills/in enclosed spaces: compressed air apparatus.
- Emergency procedures : Exposure to fire/heat: keep upwind. Mark the danger area. Close doors and windows of adjacent premises. Stop engines and no smoking. Seal off low-lying areas. Use spark-/explosionproof appliances and lighting system. No naked flames, sparks, and do not smoke. Wash contaminated clothes.

6.1.2. For emergency responders

- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent soil and water pollution. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Try to reduce evaporation.
- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Scoop absorbed substance into closing containers. Wash clothing and equipment after handling.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from sources of ignition - No smoking. Keep away from naked flames/heat. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Use spark-/explosionproof appliances and lighting system. Comply with the legal requirements.
- Hygiene measures : Observe normal hygiene standards. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage temperature : $\leq 45\text{ }^{\circ}\text{C}$
- Heat and ignition sources : Keep away from sources of ignition - No smoking.
- Information on mixed storage : Keep away from strong acids and strong oxidizers.
- Storage area : Meet the legal requirements. Fireproof storeroom. Store in a dry place. Protect from heat and direct sunlight. Store in a well-ventilated place. Ventilation along the floor.
- Special rules on packaging : correctly labelled. meet the legal requirements.
- Packaging materials : Pressurised small gas containers (aerosol cans).

7.3. Specific end use(s)

See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 13964 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 5306 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects, oral 1301 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 1131 mg/m³

Long-term - systemic effects, dermal 1377 mg/kg bodyweight/day

Petroleum gases, liquefied (68476-85-7)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 23,4 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 2,21 mg/m³

DNEL/DMEL (General population)

Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Petroleum gases, liquefied (68476-85-7)

Long-term - systemic effects, inhalation 0,066 mg/m³

8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide good ventilation in process area to prevent formation of vapour. Does not require any specific or particular technical measures.

Personal protective equipment : Gloves. Safety glasses.



Hand protection : Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information : Breakthrough time : >30'. Thickness of the glove material >0.1 mm.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Liquid |
| Appearance | : Aerosol. |
| Colour | : amber. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : |
| Relative evaporation rate (butylacetate=1) | : No data available |
| refraction index | : |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : < 0 °C |
| Flash point | : < 0 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic @40°C | : No data available |
| Viscosity, dynamic @40°C | : No data available |
| Viscosity | : |
| Viscosity Index | : |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

Additional information : The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from heat and direct sunlight. Keep away from strong acids and strong oxidizers.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane

LD50 oral rat > 5000 mg/kg

LD50 dermal rabbit > 2000 mg/kg

LC50 inhalation rat (mg/l) > 20 mg/l

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available. This product contains hazardous components for the aquatic environment.

Ecology - water : Harmful to aquatic life with long lasting effects.

Petroleum gases, liquefied (68476-85-7)

LC50 fish 1 96h 49,47 mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.

Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1950

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS

Transport document description (ADR) : UN 1950 AEROSOLS, 2.1, (D)

14.3. Transport hazard class(es)

Class (ADR) : 2

Subsidiary risk (IMDG) : 2.1

Subsidiary risk (IATA) : 2.1

Danger labels (ADR) : 2.1



14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Transport category (ADR) : 2

Tunnel restriction code (ADR) : D

Limited quantities (ADR) : 1I

14.6.2. Transport by sea

EmS-No. (1) : F-D, S-U

14.6.3. Air transport

Instruction "cargo" (ICAO) : 203

Instruction "passenger" (ICAO) : 203/Y203

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Water hazard class (WGK) : 2 - Significantly hazardous to water

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Multi-Lube (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:

| | |
|-------------------|--|
| Aerosol 1 | Aerosol, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Press. Gas (Liq.) | Gases under pressure : Liquefied gas |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.