

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

1.1. Product identifier

| | |
|---|--------------------|
| Trade name or designation of the mixture | LPS® TKX (Aerosol) |
| Registration number | - |
| Synonyms | None. |
| Part Number | 02016, M02016 |
| Issue date | 01-November-2016 |
| Version number | 03 |
| Revision date | 08-November-2017 |
| Supersedes date | 04-April-2017 |

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

| | |
|-----------------------------|---|
| Identified uses | An industrial lubricant designed to displace moisture from equipment, provide heavy-duty lubrication and rust prevention. |
| Uses advised against | None known. |

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------------------|--|
| Supplier | Alsco Ltd |
| Company name | Unit 13 Hillmead Industrial Estate |
| Address | Marshall Road Swindon, Wiltshire United Kingdom SN5 5FZ |
| Telephone | +44 1793 733 900 |
| In Case of Emergency | +001 703-527-3887 |
| Manufacturer | |
| Company name | ITW Pro Brands |
| Address | 4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.) |
| Website | http://www.lpslabs.com |
| E-mail | lpssds@itwprobrands.com |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification F+;R12, R43

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards

| | | |
|----------|------------|---|
| Aerosols | Category 1 | H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated. |
|----------|------------|---|

Health hazards

| | | |
|--------------------|-------------|---|
| Skin sensitisation | Category 1B | H317 - May cause an allergic skin reaction. |
|--------------------|-------------|---|

Hazard summary

| | |
|------------------------------|--|
| Physical hazards | Extremely flammable. |
| Health hazards | May cause sensitisation by skin contact. Occupational exposure to the substance or mixture may cause adverse health effects. |
| Environmental hazards | Not classified for hazards to the environment. |
| Specific hazards | None known. |

Main symptoms May cause an allergic skin reaction. Dermatitis. Rash.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: 3-Methoxy-3-methyl-1-butanol (MMB), Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts, Carbon dioxide, Distillates Petroleum Hydrotreated Light, Petroleum Oil

Hazard pictograms



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.
H317 May cause an allergic skin reaction.

Precautionary statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing gas.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information EUH208 - Contains Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts. May produce an allergic reaction.

2.3. Other hazards Combustible.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|--|---------|---|------------------------|--------------|--------|
| Distillates Petroleum Hydrotreated Light | 60 - 70 | 64742-47-8 265-149-8 | - | 649-422-00-2 | |
| Classification: | | DSD: Xn;R65 CLP: Asp. Tox. 1;H304 | | | |
| Petroleum Oil | 10 - 20 | 64742-52-5 265-155-0 | - | 649-465-00-7 | Note L |
| Classification: | | DSD: Carc. Cat. 2;R45 CLP: Asp. Tox. 1;H304, Carc. 1B;H350 | | | L L |
| Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts | 1 - 5 | 93820-57-6 298-637-4 | - | - | |
| Classification: | | DSD: - CLP: Skin Sens. 1B;H317 | | | |
| 3-Methoxy-3-methyl-1-butanol (MMB) | 1 - 3 | 56539-66-3 260-252-4 | - | - | |
| Classification: | | DSD: Xi;R36 CLP: Eye Irrit. 2;H319 | | | |

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|------------------------|---------------|-----------------------|------------------------|-----------|-------|
| Carbon dioxide | 1 - 3 | 124-38-9 204-696-9 | - | - | # |
| Classification: | DSD: - | | | | |
| | CLP: - | | | | |

List of abbreviations and symbols that may be used above

DSD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Note L: This component has been tested by Supplier. According to Supplier, the component complies with the criteria of Note L in Annex I of 67/548/EEC, and is exempt from a classification of T; R45. (Contains less than 3% DMSO)

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed May cause an allergic skin reaction. Dermatitis. Rash.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Extremely flammable aerosol.

5.1. Extinguishing media

Suitable extinguishing media Alcohol resistant foam. Powder. Dry chemicals. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire fighting procedures Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

- 6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.
- 6.3. Methods and material for containment and cleaning up** Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapours or divert vapour cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Following product recovery, flush area with water. For waste disposal, see section 13.
- 6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
- 7.2. Conditions for safe storage, including any incompatibilities** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).
- 7.3. Specific end use(s)** Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

| Components | Type | Value |
|-------------------------------|---------|---|
| Carbon dioxide (CAS 124-38-9) | Ceiling | 18000 mg/m ³ |
| | MAK | 10000 ppm 9000 mg/m ³ 5000 ppm |

Belgium. Exposure Limit Values.

| Components | Type | Value |
|-------------------------------|------|---|
| Carbon dioxide (CAS 124-38-9) | STEL | 54784 mg/m ³ |
| | TWA | 30000 ppm 9131 mg/m ³ 5000 ppm |

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

| Components | Type | Value |
|-------------------------------|------|------------------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ 5000 ppm |

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

| Components | Type | Value |
|-------------------------------|------|------------------------------------|
| Carbon dioxide (CAS 124-38-9) | MAC | 9000 mg/m ³ 5000 ppm |

Czech Republic. OELs. Government Decree 361

| Components | Type | Value |
|--|---------|-------------------------|
| 3-Methoxy-3-methyl-1-butan ol (MMB) (CAS 56539-66-3) | Ceiling | 200 mg/m ³ |
| | TWA | 100 mg/m ³ |
| Carbon dioxide (CAS 124-38-9) | Ceiling | 45000 mg/m ³ |
| | TWA | 9000 mg/m ³ |

Denmark. Exposure Limit Values

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TLV | 9000 mg/m3 |
| | | 5000 ppm |

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |
| | | 5000 ppm |

Finland. Workplace Exposure Limits

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9100 mg/m3 |
| | | 5000 ppm |

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | VME | 9000 mg/m3 |
| | | 5000 ppm |

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

| Components | Type | Value | Form |
|---|------|------------|--------------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9100 mg/m3 | |
| | | 5000 ppm | |
| Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) | TWA | 5 mg/m3 | Respirable aerosol fraction |
| | | 350 mg/m3 | Vapour. |
| | | 50 ppm | Vapour. |

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | AGW | 9100 mg/m3 |
| | | 5000 ppm |

Greece. OELs (Decree No. 90/1999, as amended)

| Components | Type | Value |
|----------------------------------|------|-------------|
| Carbon dioxide (CAS 124-38-9) | STEL | 54000 mg/m3 |
| | | 5000 ppm |
| | | 9000 mg/m3 |
| | TWA | 5000 ppm |

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

| Components | Type | Value |
|----------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |
| | | 5000 ppm |

Ireland. Occupational Exposure Limits

| Components | Type | Value |
|----------------------------------|------|-------------|
| Carbon dioxide (CAS 124-38-9) | STEL | 27000 mg/m3 |
| | | 15000 ppm |
| | | 9000 mg/m3 |
| | TWA | 5000 ppm |

Italy. Occupational Exposure Limits

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Netherlands. OELs (binding)

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |

Norway. Administrative Norms for Contaminants in the Workplace

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TLV | 9000 mg/m ³ |
| | | 5000 ppm |

Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful factors in the work environment, Annex 1

| Components | Type | Value |
|-------------------------------|------|-------------------------|
| Carbon dioxide (CAS 124-38-9) | STEL | 27000 mg/m ³ |
| | TWA | 9000 mg/m ³ |

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

| Components | Type | Value |
|-------------------------------|------|-----------|
| Carbon dioxide (CAS 124-38-9) | STEL | 30000 ppm |
| | TWA | 5000 ppm |

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

| Components | Type | Value |
|-------------------------------|------|------------------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m ³ |
| | | 5000 ppm |

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

| Components | Type | Value |
|-------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |
| | | 5000 ppm |

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

| Components | Type | Value |
|-------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |
| | | 5000 ppm |

Spain. Occupational Exposure Limits

| Components | Type | Value |
|-------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9150 mg/m3 |
| | | 5000 ppm |

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)

| Components | Type | Value |
|-------------------------------|------|-------------|
| Carbon dioxide (CAS 124-38-9) | STEL | 18000 mg/m3 |
| | | 10000 ppm |
| | | 9000 mg/m3 |
| | TWA | 5000 ppm |

Switzerland. SUVA Grenzwerte am Arbeitsplatz

| Components | Type | Value |
|---|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |
| | | 5000 ppm |
| Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) | STEL | 700 mg/m3 |
| | | TWA |

UK. EH40 Workplace Exposure Limits (WELs)

| Components | Type | Value |
|-------------------------------|------|-------------|
| Carbon dioxide (CAS 124-38-9) | STEL | 27400 mg/m3 |
| | | 15000 ppm |
| | | 9150 mg/m3 |
| | TWA | 5000 ppm |

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

| Components | Type | Value |
|-------------------------------|------|------------|
| Carbon dioxide (CAS 124-38-9) | TWA | 9000 mg/m3 |
| | | 5000 ppm |

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

| | |
|--|---|
| Eye/face protection | Wear safety glasses with side shields (or goggles). |
| Skin protection | |
| - Hand protection | Wear appropriate chemical resistant gloves. |
| - Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| Hygiene measures | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |
| Environmental exposure controls | Environmental manager must be informed of all major releases. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

| | |
|--|-----------------------------------|
| Physical state | Gas. |
| Form | Aerosol |
| Colour | Dark green. |
| Odour | Vanilla; Slight petroleum odor. |
| Odour threshold | Not established |
| pH | Not applicable |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 214 °C (417,2 °F) |
| Flash point | 73,0 °C (163,4 °F) Tag closed cup |
| Evaporation rate | < 0,1 BuAc |
| Flammability (solid, gas) | Flammable gas. |

Upper/lower flammability or explosive limits

| | |
|--|-----------------------|
| Flammability limit - lower (%) | 0,6 % |
| Flammability limit - upper (%) | 7 % |
| Vapour pressure | < 0,05 mm Hg @20°C |
| Vapour density | 4,7 |
| Relative density | 0,83 - 0,85 @20°C |
| Solubility(ies) | |
| Solubility (water) | < 3 % |
| Partition coefficient (n-octanol/water) | < 1 |
| Auto-ignition temperature | > 228 °C (> 442,4 °F) |
| Decomposition temperature | Not established |
| Viscosity | < 7 cSt @25°C |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |

9.2. Other information

| | |
|---------------------------|---|
| Heat of combustion | > 30 kJ/g |
| Percent volatile | 70 % |
| VOC | 2,5 % per US State & Federal Consumer Product Regulations |

SECTION 10: Stability and reactivity

| | |
|---|---|
| 10.1. Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| 10.2. Chemical stability | Material is stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| 10.4. Conditions to avoid | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products Carbon oxides.

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact May cause an allergic skin reaction.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms May cause an allergic skin reaction. Dermatitis. Rash.

11.1. Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

| Components | Species | Test results |
|--|--|---------------------|
| Petroleum Oil (CAS 64742-52-5) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | > 3,9 mg/l, 4 Hours |
| Skin corrosion/irritation | Prolonged skin contact may cause temporary irritation. | |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. | |
| Respiratory sensitisation | Not a respiratory sensitizer. | |
| Skin sensitisation | May cause an allergic skin reaction. | |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |

Carcinogenicity

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Petroleum Oil (CAS 64742-52-5)

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not likely, due to the form of the product.

Mixture versus substance information No information available.

Other information None known.

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard. Due to partial or complete lack of data the classification for hazardous to the aquatic environment, long term hazard, is not possible.

| Components | Species | Test results |
|---|---|--------------------|
| Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) | | |
| Aquatic | | |
| Fish | LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss) | 2,9 mg/l, 96 hours |

12.2. Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

LPS® TKX (Aerosol) < 1

Bioconcentration factor (BCF) Not available.

| | |
|---|--------------------|
| 12.4. Mobility in soil | No data available. |
| 12.5. Results of PBT and vPvB assessment | Not available. |
| 12.6. Other adverse effects | None known. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|---|
| Residual waste | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. |
| EU waste code | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Disposal methods/information | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Special precautions | Dispose in accordance with all applicable regulations. |

SECTION 14: Transport information

ADR

| | |
|---|---|
| 14.1. UN number | UN1950 |
| 14.2. UN proper shipping name | Aerosols, flammable |
| 14.3. Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| Hazard No. (ADR) | Not available. |
| Tunnel restriction code | D |
| 14.4. Packing group | Not available. |
| 14.5. Environmental hazards | No. |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

RID

| | |
|---|---|
| 14.1. UN number | UN1950 |
| 14.2. UN proper shipping name | Aerosols, flammable |
| 14.3. Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| 14.4. Packing group | Not available. |
| 14.5. Environmental hazards | No. |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

ADN

| | |
|---|---|
| 14.1. UN number | UN1950 |
| 14.2. UN proper shipping name | Aerosols, flammable |
| 14.3. Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| 14.4. Packing group | Not available. |
| 14.5. Environmental hazards | No. |
| 14.6. Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

IATA

| | |
|--------------------------------------|---------------------|
| 14.1. UN number | UN1950 |
| 14.2. UN proper shipping name | Aerosols, flammable |

14.3. Transport hazard class(es)

Class 2.1
Subsidiary risk -
Label(s) 2.1

14.4. Packing group Not available.

14.5. Environmental hazards No.

ERG Code 10L

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

IMDG

14.1. UN number UN1950

14.2. UN proper shipping name AEROSOLS, flammable

14.3. Transport hazard class(es)

Class 2.1
Subsidiary risk -
Label(s) 2.1

14.4. Packing group Not available.

14.5. Environmental hazards

Marine pollutant No

EmS Not available.

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

ADN; ADR; IATA; IMDG; RID



SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Carbon dioxide (CAS 124-38-9)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Petroleum Oil (CAS 64742-52-5)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Petroleum Oil (CAS 64742-52-5)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulation on the protection of workers from the risks of exposure to carcinogens and mutagens at work, in accordance with Directive 2004/37/EC.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R12 Extremely flammable.
R36 Irritating to eyes.
R43 May cause sensitisation by skin contact.
R45 May cause cancer.
R65 Harmful: may cause lung damage if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H350 May cause cancer.

Revision information

This document has undergone significant changes and should be reviewed in its entirety.

Training information

Follow training instructions when handling this material.

Disclaimer

ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.