

SAFETY DATA SHEET



According to Model Work Health and Safety Regulations and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

Version 1.0

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SDS Record Number: CSSS-TCO-010-151732

GT7 AEROSOL

Section 1—Identification

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|--|--|
| Product identifier | GT7 AEROSOL |
| Other means of identification | - |
| Recommended use: | Lubricating oil. Detergent. |
| Restrictions on use | - |
| Details of manufacturer or importer | |
| Supplier: | TEC7 *TEC7 is a registered trademark of Novatech International N.V. |
| Address: | Industrielaan 5B B-2250 Olen |
| Contact person(E-mail): | info@tec7.be |
| Telephone: | +32 14 85 97 37 |
| Fax: | +32 14 85 97 38 |
| Manufacturer: | Novatech International N.V. |
| Address: | Industrielaan 5B B-2250 Olen |
| Contact person(E-mail): | info@novatech.be |
| Telephone: | +32 14 85 97 37 |
| Fax: | +32 14 85 97 38 |
| Importer | |
| Company name: | Olmurtech |
| Address: | P.O. BOX 5939 Brendale DC, QLD. 4500 Australia www.olmurtech.com.au |
| Contact person(E-mail): | - |
| Telephone: | +61 0 426 177 310 |
| Fax: | - |
| Emergency number: | Poisons Information Centre ☎ 13 11 26 |

Section 2—Hazard(s) identification

| | | |
|-------------------------------|----------------|------------|
| GHS classification: | | |
| Physical hazards: | Aerosols | Category 1 |
| Health hazards: | Not classified | |
| Environmental hazards: | Not classified | |
| GHS label elements: | | |

Hazard Pictograms :

Signal word: Danger
Hazard statement: Extremely flammable aerosol
 Pressurized container: may burst if heated

Precautionary statement:

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
 No smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.

Response: Not applicable.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Not applicable.

Other hazards which do not result in classification: Not applicable.

Section 3—Composition and information on ingredients

| Components | CAS No. | Percent |
|---|-----------|---------|
| butane | 106-97-8 | ≤40% |
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | - | ≤30% |
| propane | 74-98-6 | ≤30% |
| white mineral oil (petroleum) | 8042-47-5 | ≤20% |

Section 4—First aid measures
Description of necessary first aid measures

Inhalation: Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

Skin: If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water.

Eye: Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

Ingestion: Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

Symptoms caused by exposure After ingestion: EXPOSURE TO HIGH CONCENTRATIONS: Drowsiness.

Medical Attention and Special Treatment Treat symptomatically.

Section 5—Firefighting measures

Suitable extinguishing media: Small fire: Water, Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting CO2 extinguisher.
 Major fire: Quantities of water.

Extinguishing media which must not be used for safety reasons: Not available

Specific hazards arising from the chemical: Upon combustion: CO and CO2 are formed. Pressurised container: May burst if heated.

| | |
|--|---|
| Special protective equipment and precautions for firefighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| HAZCHEM code | None. |

Section 6—Accidental release measures

| | |
|---------------------------------|---|
| Personal precautions: | Stop engines and no smoking. No naked flames or sparks. Spark- and explosion proof appliances and lighting equipment. |
| Containment procedures: | Contain released product. Dam up the liquid spill. Prevent spreading in sewers. |
| Methods for cleaning up: | Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling. |

Section 7—Handling and storage

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| Precautions for safe handling: | Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapour heavier than air at 20°C. Observe normal hygiene standards. |
| Conditions for safe storage, including any incompatibilities | Storage temperature: < 50 °C. Meet the legal requirements. Keep container in a well-ventilated place. Fireproof storeroom. Protect against frost. Keep out of direct sunlight. Keep away from: Heat sources, ignition sources. |

Section 8—Exposure controls and personal protection

Control parameters

Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

| Components | Type | Value |
|--|------|-----------------------------------|
| Butane (CAS 106-97-8) | TWA | 1900 mg/m ³ 800 ppm |
| white mineral oil (petroleum) CAS 8042-47-5) | TWA | 5 mg/m ³ |

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

| Components | Type | Value |
|-----------------------|------|-----------------------------------|
| Butane (CAS 106-97-8) | TWA | 1900 mg/m ³ 800 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|--|------|---------------------|---------------------|
| Butane (CAS 106-97-8) | STEL | 1000 ppm | |
| white mineral oil (petroleum) CAS 8042-47-5) | TWA | 5 mg/m ³ | Inhalable fraction. |

UK. EH40 Workplace Exposure Limits (WELs)

| Components | Type | Value |
|-----------------------|------|-----------------------------------|
| Butane (CAS 106-97-8) | STEL | 1810 mg/m ³ 750 ppm |
| | TWA | 1450 mg/m ³ 600 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 |
| Butane (CAS 106-97-8) | TWA | 2400 mg/m ³ 1000 ppm | |
| Propane (CAS 74-98-6) | TWA | 1800 mg/m ³ 1000 ppm | |
| white mineral oil (petroleum) CAS 8042-47-5) | TWA | 5 mg/m ³ | Respirable fraction. |

| | |
|--|---|
| Biological limit values: | No biological exposure limits noted for the ingredient(s). |
| Appropriate engineering controls: | Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. |
| Personal protective equipment: | |
| Eye/face protection: | Eye protection not required in normal conditions. |
| Skin protection: | Protective clothing (EN 14605 or EN 13034). |
| Hand protection: | Protective gloves against chemicals. Materials: nitrile rubber, Thickness: 0.35 mm, Measured breakthrough time: > 480 minutes. |
| Respiratory protection: | Full face mask with filter type A at conc. in air > exposure limit. |
| Thermal hazards | Wear suitable protective workwear to prevent from thermal hazards. |

Section 9—Physical and chemical properties

Appearance:

| | |
|--|---------------------------------------|
| Physical state: | Aerosol |
| Form: | Aerosol |
| Color: | Not available |
| Odor: | Characteristic odor |
| Odour threshold: | Not available |
| PH: | Not available |
| Melting point/Freezing point: | Not available |
| Initial boiling point and boiling range: | Not available |
| Flash point: | Not available |
| Evaporation rate: | 0.04 ; Butyl acetate ; Liquid |
| Flammability (solid, gas) : | Extremely flammable aerosol |
| Upper/lower flammability or explosive limits: | 0.7 - 9.5 vol % ; Propellant |
| Vapor pressure: | 8530 hPa ; 20 °C ; Propellant |
| Vapor density: | > 1 |
| Relative density: | 0.81 ; 20 °C ; Liquid |
| Solubility (H₂O) : | Insoluble |
| Partition coefficient (n-octanol/water) : | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not available |
| Dynamic viscosity: | 1 mPa.s ; 20 °C ; Liquid |
| Kinematic viscosity: | 1 mm ² /s ; 40 °C ; Liquid |
| Organic solvents: | Not available |
| Water: | Not available |
| VOC (EC) : | Not available |
| Solids contents: | Not available |
| Explosive properties: | Not available |

| | |
|------------------------------|--|
| Oxidising properties: | Not available |
| Molecular Formula: | Not available |
| Molecular Weight: | Not available |
| Absolute density: | 810 kg/m ³ ; 20 °C ; Liquid |

Section 10—Stability and reactivity

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|--|---|
| Reactivity: | May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. |
| Chemical stability: | Stable at room temperature in closed containers under normal storage and handling conditions. |
| Possibility of hazardous reactions: | No dangerous reactions known. |
| Conditions to avoid: | Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. |
| Incompatible materials: | Not available. |
| Hazardous decomposition products: | Upon combustion: CO and CO ₂ are formed. |

Section 11—Toxicological information

| | |
|---|---|
| Toxicological data: | |
| Acute toxicity: | |
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | |
| LD50(Oral, Rat): | > 5000 mg/kg bw |
| LD50(Dermal, Rabbit): | > 3160 mg/kg bw |
| LC50(Inhalation, Rat): | > 6.1 mg/l air 4h |
| Skin corrosion/Irritation: | No data available. |
| Serious eye damage/irritation: | No data available. |
| Respiratory or skin sensitization: | No data available. |
| Germ cell mutagenicity: | No data available. |
| Carcinogenicity: | No data available. |
| Reproductive toxicity: | No data available. |
| STOT- single exposure: | No data available. |
| STOT-repeated exposure: | No data available. |
| Aspiration hazard: | No data available. |
| Other information | This product has no known adverse effect on human health. |
| Information on routes of exposure | No data available. |
| Symptoms related to exposure | No data available. |
| Numerical measures of toxicity | No data available. |
| Immediate, delayed and chronic health effects from exposure | No data available. |

Section 12—Ecological information

Ecotoxicity:

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

| Acute toxicity | | Time | Species | Method | Evaluation | Remarks |
|----------------|-------------|------|---------|----------|------------|---------|
| LLL50 | > 1000 mg/l | 96h | Fish | OECD 203 | N/A | N/A |
| EL50 | > 1000 mg/l | 48h | Daphnia | OECD 202 | N/A | N/A |
| EL50 | > 1000 mg/l | 72h | Algae | OECD 201 | N/A | N/A |

Persistence and degradability: Contains non readily biodegradable component(s).

| | |
|-----------------------------------|---|
| | The surfactant(s) is/are biodegradable according to Regulation (EC) No 648/2004. |
| Bioaccumulative potential: | Contains bioaccumulative component(s). |
| Mobility in soil: | Contains component(s) that adsorb(s) into the soil. Contains component(s) with potential for mobility in the soil. |
| Other adverse effects: | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

Section 13—Disposal considerations

| | |
|--|--|
| Safe handling and disposal methods: | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. |
| Disposal of any contaminated packaging: | 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). Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |

Section 14—Transport information

| | |
|--|---|
| ADG | |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| Hazard class | 2.1 |
| Packing group | - |
| Special precautions | Read safety instructions, SDS and emergency procedures before handling. |
| IATA | |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| Hazard class | 2.1 |
| Packing group | - |
| Special precautions | Read safety instructions, SDS and emergency procedures before handling. |
| IMDG | |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| Hazard class | 2.1 |
| Packing group | - |
| Environmental hazards | |
| Marine pollutant | No |
| Special precautions | Read safety instructions, SDS and emergency procedures before handling. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: | - |

Section 15—Regulatory information

Safety, health and environmental regulations

National regulations

Australia Medicines & Poisons Appendix A/B/D/F/G/H/I/J/K / Australia Medicines & Poisons Schedule 10/2/3/4/6/7/8/9

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix E/ Australia Medicines & Poisons Schedule 5

Butane (CAS 106-97-8)

White Mineral Oil (petroleum) (CAS 8042-47-5)

High Volume Industrial Chemicals (HVIC)

Butane (CAS 106-97-8) 100000 - 999999 TONNES See the regulation for additional information.

Propane (CAS 74-98-6) 100000 - 999999 TONNES See the regulation for additional information.

White Mineral Oil (petroleum) (CAS 8042-47-5) 1000 - 9999 TONNES See the regulation for additional information.

Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations

Stockholm Convention

Not applicable

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

Inventory status:

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic /Non-Domestic Substances List (DSL) /(NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial/ Notified Chemical Substances (EINECS) / (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16—Any other relevant information

Indication of changes: Version 1.0

Key abbreviations or acronyms used: CAS: Chemical Abstracts Service

LC50: Lethal Concentration 50

EC50: Concentration for 50% of maximal effect
LD50: Lethal dose 50%
MAC: maximum allowable concentration, (MAC)
PC-TWA: permissible concentration-time weighted average
PC-STEL: permissible concentration-short term exposure limit

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.