
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Trade name: PARTS Master® MERCON V AUTOMATIC TRANSMISSION FLUID

Recommended use of the chemical and restrictions on use

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Eye irritation: Category 2A
Skin sensitization: Category 1

GHS Label element
Hazard pictograms:

Signal Word: Warning

Hazard Statements: May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary Statements: Prevention:
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Wash skin thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear eye protection/ face protection.
Wear protective gloves.
Response:
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.

**Disposal:**
Dispose of contents/container to an approved waste disposal plant.

**Other hazards**
None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : Defatter

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Classification</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED LIGHT PARAFFINIC DISTILLATE</td>
<td>64742-55-8</td>
<td>Not a hazardous substance or mixture.</td>
<td>40.27</td>
</tr>
<tr>
<td>POLYALKYL METHACRYLATE</td>
<td></td>
<td>Eye Irrit. 2A; H319</td>
<td>13.25</td>
</tr>
<tr>
<td>MINERAL OIL</td>
<td></td>
<td>Not a hazardous substance or mixture.</td>
<td>13.25</td>
</tr>
<tr>
<td>HYDROTREATED LIGHT PARAFFINIC DISTILLATE</td>
<td>64742-55-8</td>
<td>Asp. Tox. 1; H304</td>
<td>5.23</td>
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<tr>
<td>METHACRYLATE COPOLYMER</td>
<td></td>
<td>Eye Irrit. 2A; H319</td>
<td>1.10</td>
</tr>
<tr>
<td>ALKOXILATED LONG-CHAIN ALKYL AMINE</td>
<td></td>
<td>Acute Tox. 4; H302</td>
<td>0.11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Corr. 1B; H314</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Dam. 1; H314</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Sens. 1; H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aquatic Acute 3; H402</td>
<td></td>
</tr>
</tbody>
</table>
### SECTION 4. FIRST AID MEASURES

**General advice:**
- Move out of dangerous area.
- Show this safety data sheet to the doctor in attendance.
- Do not leave the victim unattended.

**If inhaled:**
- If breathed in, move person into fresh air.
- If unconscious place in recovery position and seek medical advice.
- If symptoms persist, call a physician.

**In case of skin contact:**
- Remove contaminated clothing. If irritation develops, get medical attention.
- If on skin, rinse well with water.
- First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
- Wash contaminated clothing before re-use.

**In case of eye contact:**
- Immediately flush eye(s) with plenty of water.
- Remove contact lenses.
- Protect unharmed eye.

**If swallowed:**
- Do not give milk or alcoholic beverages.
- Never give anything by mouth to an unconscious person.
- If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed:**
- Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities

<table>
<thead>
<tr>
<th>ALKYL METHACRYLATE</th>
<th>Aquatic Chronic 3; H412</th>
<th>0.11</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skin Irrit. 2; H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Eye Irrit. 2A; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skin Sens. 1; H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STOT SE 3; H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aquatic Acute 1; H400</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aquatic Chronic 1; H410</td>
<td></td>
</tr>
</tbody>
</table>
of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
- stomach or intestinal upset (nausea, vomiting, diarrhea)
- irritation (nose, throat, airways)
- May cause an allergic skin reaction.
- Causes serious eye irritation.

Notes to physician: No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Water spray
- Foam
- Carbon dioxide (CO2)
- Dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: carbon dioxide and carbon monoxide
- Hydrocarbons
- nitrogen oxides (NOx)

Specific extinguishing methods: Product is compatible with standard fire-fighting agents.

Further information: Standard procedure for chemical fires.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Other information: Comply with all applicable federal, state, and local regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling: Do not breathe vapours/dust. Do not smoke. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Container hazardous when empty. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED LIGHT PARAFFINIC DISTILLATE</td>
<td>64742-55-8</td>
<td>REL</td>
<td>5 mg/m3 Mist.</td>
<td>NIOSH/GUIDE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>10 mg/m3 Mist.</td>
<td>NIOSH/GUIDE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>5 mg/m3 Mist.</td>
<td>OSHA_TRANS</td>
</tr>
<tr>
<td>MINERAL OIL</td>
<td></td>
<td>REL</td>
<td>5 mg/m3</td>
<td>NIOSH/GUIDE</td>
</tr>
</tbody>
</table>
### Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Personal protective equipment

#### Hand protection
Remarks: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

#### Eye protection
Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

#### Skin and body protection

Wear as appropriate:
- impervious clothing
- Safety shoes

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Discard gloves that show tears, pinholes, or signs of wear.

Wear resistant gloves (consult your safety equipment supplier).

#### Hygiene measures
Wash hands before breaks and at the end of workday.
When using do not eat or drink.
When using do not smoke.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>red</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
</tbody>
</table>
pH : No data available
Melting point/freezing point : No data available
Boiling point/boiling range : No data available
Flash point : 410 °F / 210 °C
Evaporation rate : No data available
Flammability (solid, gas) : No data available
Upper explosion limit : 6 %(V) Calculated Explosive Limit
Lower explosion limit : 1 %(V) Calculated Explosive Limit
Vapour pressure : 0.0133333 hPa (21.11 °C) Calculated Vapor Pressure
Relative vapour density : No data available
Relative density : No data available
Density : 0.858 g/cm³ (15.56 °C)

Solubility(ies)
Water solubility : negligible
Solubility in other solvents : No data available
Partition coefficient: n-octanol/water : No data available
Thermal decomposition : No data available
Viscosity
Viscosity, dynamic : No data available
Viscosity, kinematic : 7.4 mm²/s (100 °C)
Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : Stable under recommended storage conditions.
Possibility of hazardous reactions : Product will not undergo hazardous polymerization.
Conditions to avoid : excessive heat
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products : carbon dioxide and carbon monoxide Hydrocarbons

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
- Inhalation
- Skin contact
- Eye Contact
- Ingestion

Acute toxicity:
Not classified based on available information.

Components:
ALKOXYLATED LONG-CHAIN ALKYL AMINE:
Acute oral toxicity:
Assessment: The component/mixture is classified as acute oral toxicity, category 4.

Skin corrosion/irritation:
Not classified based on available information.

Product:
Remarks: May cause skin irritation in susceptible persons.

Result: Repeated exposure may cause skin dryness or cracking.

Components:
HYDROTREATED LIGHT PARAFFINIC DISTILLATE:
Result: Mildly irritating to skin

POLYALKYLMETHACRYLATE:
Result: Not irritating to skin

MINERAL OIL:
Result: Mildly irritating to skin

HYDROTREATED LIGHT PARAFFINIC DISTILLATE:
Result: Mildly irritating to skin

METHACRYLATE COPOLYMER:
Result: Not irritating to skin

ALKOXYLATED LONG-CHAIN ALKYL AMINE:
Result: Corrosive to skin

ALKYL METHACRYLATE:
Result: Irritating to skin

**Serious eye damage/eye irritation**
Causes serious eye irritation.

**Product:**
Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

**Components:**
**HYDROTREATED LIGHT PARAFFINIC DISTILLATE:**
Result: Mildly irritating to eyes

**POLYALKYLMETHACRYLATE:**
Result: Irritating to eyes

**MINERAL OIL:**
Result: Mildly irritating to eyes

**HYDROTREATED LIGHT PARAFFINIC DISTILLATE:**
Result: Mildly irritating to eyes

**METHACRYLATE COPOLYMER:**
Result: Irritating to eyes

**ALKOXYLATED LONG-CHAIN ALKYL AMINE:**
Result: Corrosive to eyes

**ALKYL METHACRYLATE:**
Result: Irritating to eyes

**Respiratory or skin sensitisation**
Skin sensitisation: May cause an allergic skin reaction.
Respiratory sensitisation: Not classified based on available information.

**Components:**
**ALKOXYLATED LONG-CHAIN ALKYL AMINE:**
Assessment: May cause sensitization by skin contact.

**ALKYL METHACRYLATE:**
Assessment: May cause sensitization by skin contact.

**Germ cell mutagenicity**
Not classified based on available information.

**Carcinogenicity**
Not classified based on available information.

**Reproductive toxicity**
Not classified based on available information.

**STOT - single exposure**
Not classified based on available information.

**Components:**
**ALKYL METHACRYLATE:**
Assessment: May cause respiratory irritation.

**STOT - repeated exposure**
Not classified based on available information.
Aspiration toxicity
Not classified based on available information.

**Components:**
HYDROTREATED LIGHT PARAFFINIC DISTILLATE:
May be fatal if swallowed and enters airways.

**Further information**

**Product:**
Remarks: No data available

**Carcinogenicity:**
**IARC**
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
**ALKOXYLATED LONG-CHAIN ALKYL AMINE:**
Ecotoxicology Assessment
Acute aquatic toxicity: Harmful to aquatic life.

**ALKYL METHACRYLATE:**
Ecotoxicology Assessment
Acute aquatic toxicity: Very toxic to aquatic life.

**Persistence and degradability**
No data available

**Bioaccumulative potential**
No data available

**Mobility in soil**
No data available

**Other adverse effects**
No data available

**Product:**
Additional ecological: No data available
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
General advice : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

<table>
<thead>
<tr>
<th>REGULATION</th>
<th>ID NUMBER</th>
<th>PROPER SHIPPING NAME</th>
<th>*HAZARD CLASS</th>
<th>SUBSIDIARY HAZARDS</th>
<th>PACKING GROUP</th>
<th>MARINE POLLUTANT / LTD. QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. DOT - ROAD</td>
<td></td>
<td>Not dangerous goods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. DOT - RAIL</td>
<td></td>
<td>Not dangerous goods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. DOT - INLAND WATERWAYS</td>
<td></td>
<td>Not dangerous goods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRANSPORT CANADA - ROAD</td>
<td></td>
<td>Not dangerous goods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRANSPORT CANADA - RAIL</td>
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<td>Not dangerous goods</td>
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<td></td>
</tr>
<tr>
<td>TRANSPORT CANADA - INLAND WATERWAYS</td>
<td></td>
<td>Not dangerous goods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

MARINE POLLUTANT:
HETEROCYCLIC ETHER, ETHOXYLATE DAMINE

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

<table>
<thead>
<tr>
<th>Marine pollutant</th>
<th>no</th>
</tr>
</thead>
</table>

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards: Acute Health Hazard

SARA 313 Component(s) SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania Right To Know

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAVY PARAFFINIC DISTILLATE</td>
<td>64742-54-7</td>
<td>30.00 - 50.00 %</td>
</tr>
<tr>
<td>HYDROTREATED LIGHT PARAFFINIC DISTILLATE</td>
<td>64742-55-8</td>
<td>30.00 - 50.00 %</td>
</tr>
<tr>
<td>POLYALKYLMETHACRYLATE</td>
<td>Not Assigned</td>
<td>10.00 - 20.00 %</td>
</tr>
<tr>
<td>MINERAL OIL</td>
<td>Not Assigned</td>
<td>10.00 - 20.00 %</td>
</tr>
<tr>
<td>HYDROTREATED LIGHT PARAFFINIC</td>
<td>64742-55-8</td>
<td>5.00 - 10.00 %</td>
</tr>
</tbody>
</table>
DISTILLATE

New Jersey Right To Know

HEAVY PARAFFINIC DISTILLATE 64742-54-7 30.00 - 50.00 %
HYDROTREATED LIGHT PARAFFINIC DISTILLATE 64742-55-8 30.00 - 50.00 %
POLYALKYL METHACRYLATE Not Assigned 10.00 - 20.00 %
MINERAL OIL Not Assigned 10.00 - 20.00 %
HYDROTREATED LIGHT PARAFFINIC DISTILLATE 64742-55-8 5.00 - 10.00 %

California Prop 65 Proposition 65 warnings are not required for this product based on the results of a risk assessment.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory
DSL : All components of this product are on the Canadian DSL.
AUST : Not in compliance with the inventory
ENCS : On the inventory, or in compliance with the inventory
KECL : On the inventory, or in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : Not in compliance with the inventory

Inventories
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECl (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)
SECTION 16. OTHER INFORMATION

Further information
Revision Date: 06/02/2015

<table>
<thead>
<tr>
<th>NFPA:</th>
<th>HMIS III:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>HEALTH 2</td>
</tr>
<tr>
<td>Health</td>
<td>FLAMMABILITY 1</td>
</tr>
<tr>
<td>Instability</td>
<td>PHYSICAL HAZARD 0</td>
</tr>
</tbody>
</table>

Special hazard.

NFPA Flammable and Combustible Liquids Classification
Combustible Liquid Class III B

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H402 Harmful to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information

Sources of key data used to compile the Safety Data Sheet
Ashland internal data including own and sponsored test reports
The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).
List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet:

ACGIH: American Conference of Industrial Hygienists
BEI: Biological Exposure Index
CAS: Chemical Abstracts Service (Division of the American Chemical Society)
CMR: Carcinogenic, Mutagenic or Toxic for Reproduction
FG: Food grade
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
H-statement: Hazard Statement
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulation by the “International Air Transport Association” (IATA).

ICAO: International Civil Aviation Organization
ICAO-TI (ICAO): Technical Instructions by the “International Civil Aviation Organization”
IMDG: International Maritime Code for Dangerous Goods
ISO: International Organization for Standardization
logPow: octanol-water partition coefficient
LCxx: Lethal Concentration, for xx percent of test population
LDxx: Lethal Dose, for xx percent of test population.
ICxx: Inhibitory Concentration of xx of a substance
Ecxx: Effective Concentration of xx
N.O.S.: Not Otherwise Specified
OECD: Organization for Economic Co-operation and Development
OEL: Occupational Exposure Limit
P-Statement: Precautionary Statement
PBT: Persistent, Bioaccumulative and Toxic
PPE: Personal Protective Equipment
STEL: Short-term exposure limit
STOT: Specific Target Organ Toxicity
TLV: Threshold Limit Value
TWA: Time-weighted average
vPvB: Very Persistent and Very Bioaccumulative
WEL: Workplace Exposure Level

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
DOT: Department of Transportation
FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act
HMIRC: Hazardous Materials Information Review Commission
HMIS: Hazardous Materials Identification System
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PMRA: Health Canada Pest Management Regulatory Agency
RTK: Right to Know
WHMIS: Workplace Hazardous Materials Information System