


1 Identification

- **Product identifier**
- **Trade name:** HYDRAULIC FLUID 75
- **Relevant identified uses of the substance or mixture and uses advised against**
Industrial use of lubricants and greases in vehicles or machinery
According to the generic exposure scenarios of the ATIEL / ATC on the use of lubricants (V1.0, 07.01.2013)
- **Application of the substance / the mixture**
Hydraulic fluid
Only for proper handling.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BUCHER AG LANGENTHAL
MOTOREX–Schmiertechnik
Bern–Zürich–Strasse 31
CH–4901 Langenthal
Telefon +41 (0)62 919 75 75

A1 Accessory Imports
60-62 Burchill St.
Loganholme
4129 QLD
Australia
Phone : 07 3451 1300
- **Further information obtainable from:** msds@motorex.com
- **Emergency telephone number:**
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre Australia 13 11 26

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**
Distillates (petroleum), heavy hydrocracked
Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum), hydrotreated light paraffinic
White mineral oil, petroleum
- **Hazard statements**
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.

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

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64741-76-0 EINECS: 265-077-7 Index number: 649-453-00-1	Distillates (petroleum), heavy hydrocracked Asp. Tox. 1, H304	50-70%
CAS: 64742-55-8 EINECS: 265-158-7 Index number: 649-468-00-3	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	25-50%
Polymer	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with eicosyl 2-methyl-2-propenoate, hexadecyl 2-methyl-2-propenoate, methyl-2-methyl-2-propenoate, octadecyl 2-methyl-2-propenoate, pentadecyl 2-met Eye Irrit. 2A, H319	1-3%
CAS: 64742-55-8 EINECS: 265-158-7 Index number: 649-468-00-3	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	≥1-≤3%

- **Additional information:**

Note L: The classification as carcinogen does not apply because the mixture (or substance) contains less than 3% dimethyl sulfoxide extract (DMSO), measured according to IP 346.
For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Remove residues with soap and water.
Remove contaminated clothing immediately.
- **After eye contact:**
Rinse opened eye for several minutes under running water.
Consult a physician if irritation develops.
- **After swallowing:**
Do not induce vomiting. Do not take in resorption stimulating agents.
Consult a physician who will decide on need and method of emptying the stomach.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** DO NOT USE WATER JET

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- **Special hazards arising from the substance or mixture**
In case of fire carbon, sulphur and nitrogen oxides can be formed.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Do not heat above flash point.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store containers closed and protect against rain, dust, heat and other atmospheric influences.
Keep container tightly sealed.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs		
64741-76-0 Distillates (petroleum), heavy hydrocracked		
Inhalative	DNEL	5.4 mg/m ³ /8h (worker)
	DNEL	1.2 mg/m ³ /24h (consumer)
64742-55-8 Distillates (petroleum), hydrotreated light paraffinic		
Dermal	DNEL / Workers / Local Effects / Long-term	1 mg/kg/8h (worker)
Inhalative	DNEL	2.7-5.4 mg/m ³ /8h (worker)
	DNEL	1.2 mg/m ³ /24h (consumer)
64742-55-8 Distillates (petroleum), hydrotreated light paraffinic		
Dermal	DNEL / Workers / Local Effects / Long-term	1 mg/kg/8h (worker)
Inhalative	DNEL	2.7-5.4 mg/m ³ /8h (worker)
	DNEL	1.2 mg/m ³ /24h (consumer)

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· **PNECs****64742-55-8 Distillates (petroleum), hydrotreated light paraffinic**

Oral | PNEC / Predators / Secondary poisoning | 9.33 mg/kg food (secondary poisoning (predators))

64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

Oral | PNEC / Predators / Secondary poisoning | 9.33 mg/kg food (secondary poisoning (predators))

· **Additional information:** The lists valid during the making were used as basis.· **Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Protective gloves to EN374, resistant to oil in use. Standard EN 374 Level 3 control G1

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 374 Part 3: Level 1).

· **Eye protection:** Goggles recommended during refilling· **Body protection:** Protective work clothing

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:****Form:** Fluid**Colour:** Yellowish· **Odour:** weak· **Odour threshold:** Not determined.· **pH-value:** Not determined.· **Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** Undetermined.· **Flash point:** >170 °C· **Flammability (solid, gas):** Not applicable.· **Decomposition temperature:** Not determined.· **Auto-ignition temperature:** Product is not selfigniting.

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· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	0.6 Vol %
Upper:	6.5 Vol %
· Vapour pressure:	Not determined.
· Density at 20 °C:	0.845 g/cm ³ (ASTM D 4052)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	15 mm ² /s @ 40 °C
Solids content:	0.0 %
· Other information	No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

· LD/LC50 values relevant for classification:		
64741-76-0 Distillates (petroleum), heavy hydrocracked		
Oral	LD50	5,000 mg/kg (rat)
	LOAEL	125 mg/kg/24h (rat)
Dermal	LD50	2,000-5,000 mg/kg (rabbit)
	NOAEL	150 mg/kg/24h (mouse)
		30-2,000 mg/kg/24h (rat)
		1,000 mg/kg/24h (rabbit)
Inhalative	LOAEL	100 mg/kg/24h (mouse)
	LC50 / 4h	2.18-5.53 mg/l (rat)
	LC50	>5,000 mg/m ³ (rat)
	NOEL	220 mg/m ³ (rat)
	NOAEL	980 mg/m ³ (rat)
64742-55-8 Distillates (petroleum), hydrotreated light paraffinic		
Oral	LD50	5,000 mg/kg (rat)

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Dermal	LOAEL	125 mg/kg/24h (rat)
	LD50	2,000-5,000 mg/kg (rabbit)
	NOAEL	150 mg/kg/24h (mouse) 30-2,000 mg/kg/24h (rat) 1,000 mg/kg/24h (rabbit)
Inhalative	LOAEL	100 mg/kg/24h (mouse)
	LC50 / 4h	2.18-5.53 mg/l (rat)
	NOEL	220 mg/m ³ (rat)
	NOAEL	980 mg/m ³ (rat)

64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

Oral	LD50	5,000 mg/kg (rat)
	LOAEL	125 mg/kg/24h (rat)
Dermal	LD50	2,000-5,000 mg/kg (rabbit)
	NOAEL	150 mg/kg/24h (mouse) 30-2,000 mg/kg/24h (rat) 1,000 mg/kg/24h (rabbit)
	LOAEL	100 mg/kg/24h (mouse)
Inhalative	LC50 / 4h	2.18-5.53 mg/l (rat)
	NOEL	220 mg/m ³ (rat)
	NOAEL	980 mg/m ³ (rat)

· **Primary irritant effect:**· **Skin corrosion/irritation** No irritant effect.· **Serious eye damage/irritation** No irritating effect.· **Respiratory or skin sensitisation** No sensitising effects known.· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

12 Ecological Information

· **Toxicity**· **Aquatic toxicity:****64741-76-0 Distillates (petroleum), heavy hydrocracked**

LL50 10,000 mg/l/96h (aquatic invertebrates)

100 mg/l/96h (fish)

LL50 10,000 mg/l/72h (aquatic invertebrates)

LL50 10,000 mg/l/48h (aquatic invertebrates)

LL50 10,000 mg/l/24h (aquatic invertebrates)

EL50 10,000 mg/l/48h (aquatic invertebrates)

64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

LL50 10,000 mg/l/96h (aquatic invertebrates)

100 mg/l/96h (fish)

>100 mg/l/96h (*Pimephales promelas*) (OECD 203)

LL50 10,000 mg/l/72h (aquatic invertebrates)

LL50 10,000 mg/l/48h (aquatic invertebrates)

EL50 10,000 mg/l/48h (aquatic invertebrates)

NOEL >100 mg/l/72h (*Pseudokirchnerella subcapitata*) (OECD 201)

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64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

LL50	10,000 mg/l/96h (aquatic invertebrates)
	100 mg/l/96h (fish)
	>100 mg/l/96h (<i>Pimephales promelas</i>) (OECD 203)
LL50	10,000 mg/l/72h (aquatic invertebrates)
LL50	10,000 mg/l/48h (aquatic invertebrates)
EL50	10,000 mg/l/48h (aquatic invertebrates)
NOEL	>100 mg/l/72h (<i>Pseudokirchnerella subcapitata</i>) (OECD 201)

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

64741-76-0 Distillates (petroleum), heavy hydrocracked

Partition coefficient	3-6 [---] (log Kow) (Bioaccumulation)
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64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

Partition coefficient	>3.5 [---] (log Kow) (Bioaccumulation)
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64742-55-8 Distillates (petroleum), hydrotreated light paraffinic

Partition coefficient	>3.5 [---] (log Kow) (Bioaccumulation)
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- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**

- **ADG, ADN, IMDG, IATA** Void

- **UN proper shipping name**

- **ADG, ADN, IMDG, IATA** Void

- **Transport hazard class(es)**

- **ADG, ADN, IMDG, IATA**

- **Class** Void

- **Packing group**

- **ADG, IMDG, IATA** Void

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- | | |
|---|-----------------|
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Chemical Substances**

64741-76-0	Distillates (petroleum), heavy hydrocracked
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic
4259-15-8	zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)
8042-47-5	White mineral oil, petroleum
128-39-2	2,6-di-tert-butylphenol
101-02-0	triphenyl phosphite
104-76-7	2-ethylhexan-1-ol
597-82-0	O,O,O-Triphenylthiophosphat
96-76-4	2,4-di-tert-butylphenol

- **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

- **Relevant phrases**

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

- **Department issuing SDS:** Abteilung Produktsicherheit

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Asp. Tox. 1: Aspiration hazard – Category 1

· * **Data compared to the previous version altered.**

-AU-