

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** MOTIP DEGREASER 5 LTR
- **Article number:** V05552
- **Application of the substance / the preparation** Cleaning agent/ Cleaner
- **Manufacturer/Supplier:**
MOTIP DUPLI B.V.
Wolfraamweg 2
NL- 8471 XC Wolvega
The Netherlands
Tel: +31 (0)561 694400
Fax: +31 (0)561 694411
e-mail info@nl.motipdupli.com
- **Further information obtainable from:** QHSE Department
- **Information in case of emergency:** Tel: +31 (0)561 694400 (08.00 / 17.00)

2 Hazards identification

· **Hazard description:**



Xn Harmful
F Highly flammable
N Dangerous for the environment

· **Information concerning particular hazards for human and environment:**

Has a narcotizing effect.
R 11 Highly flammable.
R 38 Irritating to skin.
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65 Harmful: may cause lung damage if swallowed.
R 67 Vapours may cause drowsiness and dizziness.

· **GHS label elements**



Danger

2.6/2 - Highly flammable liquid and vapour.



Danger

3.10/1 - May be fatal if swallowed and enters airways.



Warning

3.2/2 - Causes skin irritation.
3.8/3 - May cause drowsiness or dizziness.



4.1/2 - Toxic to aquatic life with long lasting effects.

· **Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.

(Contd. on page 2)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

Trade name: MOTIP DEGREASER 5 LTR

(Contd. of page 1)

- Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/ equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection.
- **Response:**
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 IF ON SKIN: Wash with plenty of soap and water.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 Specific treatment (see label).
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.
 In case of fire: Use for extinction: CO₂, powder or water spray.
 Collect spillage.
- **Storage:**
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
- **Disposal:**
 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**
 64742-49-0 Naphtha (petroleum), hydrotreated light
- **Identification number(s)**
- **EINECS Number:** 265-151-9
- **Index number:** 649-328-00-1
- **Chemical characterization**

· Regulation (EC) No 648/2004 on detergents / Labelling for contents	
---	--

aliphatic hydrocarbons	≥ 30%
------------------------	-------

4 First-aid measures

- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
 CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

Trade name: **MOTIP DEGREASER 5 LTR**

(Contd. of page 2)

· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Person-related safety precautions:**

Ensure adequate ventilation

Keep away from ignition sources.

· **Measures for environmental protection:**

Do not allow product to reach sewage system or any water course.

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7 Handling and storage

· **Handling:**· **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· **Storage:**· **Requirements to be met by storerooms and receptacles:** Store in a cool location.· **Information about storage in one common storage facility:** Not required.· **Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.· **Ingredients with limit values that require monitoring at the workplace:** Not required.· **Additional information:** The lists valid during the making were used as basis.· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

Trade name: MOTIP DEGREASER 5 LTR

(Contd. of page 3)

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



Protective gloves

· **Material of gloves**

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.

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **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.

· **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range:	<-25°C (<-13°F)
Boiling point/Boiling range:	41°C (106°F)

· **Flash point:** -19°C (-2°F)

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower:	1.1 Vol %
Upper:	7.4 Vol %

· **Vapour pressure at 20°C (68°F):** 330 hPa (248 mm Hg)

· **Density at 20°C (68°F):** 0.66 g/cm³

· **Solubility in / Miscibility with**

water:	Not miscible or difficult to mix.
Organic solvents:	100.0 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous decomposition products:** No dangerous decomposition products known.

GB

(Contd. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

Trade name: **MOTIP DEGREASER 5 LTR**

(Contd. of page 4)

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 2600 mg/kg (rabbit)
	LC50 / 4 h	> 193 mg/m ³ (rat)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Carc. Cat. 2

12 Ecological information

- **Ecotoxicological effects:**

- **Aquatic toxicity:**

64742-49-0 Naphtha (petroleum), hydrotreated light

LC50	127-159 mg/l (<i>Leuciscus idus</i>)
------	--

- **Remark:** Toxic for fish

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Toxic for aquatic organisms

13 Disposal considerations

- **Product:**

- **Recommendation**

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

- **European waste catalogue**

20 01 13	solvents
----------	----------

- **Uncleaned packaging:**

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

GB

(Contd. on page 6)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

Trade name: **MOTIP DEGREASER 5 LTR**

(Contd. of page 5)

14 Transport information

· Land transport ADR/RID (cross-border)



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 3295
- **Packaging group:** II
- **Hazard label** 3
- **Description of goods:** 3295 HYDROCARBONS, LIQUID, N.O.S. (vapor pressure at 50°C at most 110 kPa)
- **Tunnel restriction code D/E**

· Maritime transport IMDG:



- **IMDG Class:** 3
- **UN Number:** 3295
- **Label** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Proper shipping name:** HYDROCARBONS, LIQUID, N.O.S.

· Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 3295
- **Label** 3
- **Packaging group:** II
- **Proper shipping name:** HYDROCARBONS, LIQUID, N.O.S.

- **UN "Model Regulation":** UN3295, HYDROCARBONS, LIQUID, N.O.S., 3, II
- **Environmental hazards:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID

15 Regulatory information

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· Code letter and hazard designation of product:



Xn Harmful
F Highly flammable
N Dangerous for the environment

· Risk phrases:

- 11 Highly flammable.
- 38 Irritating to skin.

(Contd. on page 7)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.03.2009

Revision: 05.03.2009

Trade name: MOTIP DEGREASER 5 LTR

(Contd. of page 6)

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

67 Vapours may cause drowsiness and dizziness.

· Safety phrases:

2 Keep out of the reach of children.

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe fumes/aerosol.

24 Avoid contact with skin.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

46 If swallowed, seek medical advice immediately and show this container or label.

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.

· **Department issuing MSDS:** QHSE Department· **Contact:**

Mrs. D. Kleistra

Mr. H.J. Hoogenberg

· **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)

RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

GB