

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

*

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

- **1.1 Product identifier**
- **Trade name:** MOTIP MULTI SPRAY
- **Article number:** 090206
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Lubricant
- **1.3 Details of the supplier of the safety data sheet**
- **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
- **1.4 Emergency telephone number:** +31 (0)561-694400 (09:00h - 17:00h)

*

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Sensitising

R43: May cause sensitisation by skin contact.



F+; Extremely flammable

R12: Extremely flammable.

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

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurised container.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: MOTIP MULTI SPRAY

(Contd. of page 1)

Hazard pictograms

GHS02 GHS07

Signal word *Danger***Hazard-determining components of labelling:***Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts***Hazard statements***H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.**H317 May cause an allergic skin reaction.***Precautionary statements***P102 Keep out of reach of children.**P260 Do not breathe spray.**P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**P251 Do not pierce or burn, even after use.**P211 Do not spray on an open flame or other ignition source.**P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.**P501 Dispose of contents/container in accordance with local regulations.***2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

*

SECTION 3: Composition/information on ingredients**3.2 Chemical characterisation: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 64742-48-9 EC number: 918-481-9 Reg.nr.: 01-2119457273-39-xxxx	Naphta (petroleum), hydrotreated heavy Xn R65 R66-67 Asp. Tox. 1, H304	25-50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx	propane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	12.5-20%
	Mineral oil Asp. Tox. 1, H304	10-12.5%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	10-12.5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27-xxxx	isobutane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	5-10%
EC number: 939-603-7 Reg.nr.: 01-2119978241-36-xxxx	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts Xi R43 Skin Sens. 1B, H317	1-2.5%

Additional information: For the wording of the listed risk phrases refer to section 16.

GB

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: MOTIP MULTI SPRAY

(Contd. of page 2)

*

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
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. Then consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

*

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **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
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

*

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Keep away from ignition sources.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

*

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.

(Contd. on page 4)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: **MOTIP MULTI SPRAY**

(Contd. of page 3)

- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

*

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane

WEL	Short-term value: 1810 mg/m ³ , 750 ppm
	Long-term value: 1450 mg/m ³ , 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)

- **Additional information:** The lists valid during the making were used as basis.

8.2 Exposure controls

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

- **Respiratory protection:** Not required.

- **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.

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. 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:** Not required.

*

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Aerosol

Colour: According to product specification

- **Odour:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

Melting point/Melting range: Undetermined.

(Contd. on page 5)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: MOTIP MULTI SPRAY

(Contd. of page 4)

Boiling point/Boiling range:	Not applicable, as aerosol.
Flash point:	< 0 °C (< 32 °F) Not applicable, as aerosol.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	> 200 °C (> 392 °F)
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	10.9 Vol %
Vapour pressure at 20 °C (68 °F):	3500 hPa (2625 mm Hg)
Density at 20 °C (68 °F):	0.695 g/cm ³ (5.8 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	82.5 %
EU-VOC:	573.4 g/l
EU-VOC in %:	82.51 %
Solids content:	17.6 %
9.2 Other information	No further relevant information available.

*

SECTION 10: Stability and reactivity

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

*

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity

LD/LC50 values relevant for classification:

64742-48-9 Naphta (petroleum), hydrotreated heavy

Oral	LD50	>15000 mg/kg (rat)
------	------	--------------------

(Contd. on page 6)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: MOTIP MULTI SPRAY

(Contd. of page 5)

Dermal	LD50	>3000 mg/kg (rab)
Inhalative	LC50 / 4 h	>2.8 mg/m ³ (rat)
106-97-8 butane		
Inhalative	LC50 / 4 h	658000 mg/m ³ (rat)
Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts		
Dermal	LD50	>2000 mg/kg (rat)

· **Primary irritant effect:**· **Skin corrosion/irritation** No irritant effect.· **Serious eye damage/irritation** No irritating effect.· **Respiratory or skin sensitisation** Sensitisation possible through skin contact.· **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:

Irritant

*

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:**

64742-48-9 Naphta (petroleum), hydrotreated heavy		
LC50 / 96 h	>100 mg/l (crustacean (amphipod))	
	>100 mg/l (fish)	
Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts		
EC50	>100 mg/l (Daphnia magna)	
EC50 / 96 h	>1000 mg/l (algae)	
LC50	>10000 mg/l (fish)	

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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

· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.

*

SECTION 13: Disposal considerations· **13.1 Waste treatment methods**· **Recommendation**

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

· **European waste catalogue**

20 01 13*	solvents
15 01 04	metallic packaging

(Contd. on page 7)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: MOTIP MULTI SPRAY

(Contd. of page 6)

- **Uncleaned packaging:**
- **Recommendation:** Non contaminated packagings may be recycled.

*

SECTION 14: Transport information

· **14.1 UN-Number**
· **ADR, IMDG, IATA** UN1950

· **14.2 UN proper shipping name**
· **ADR** 1950 AEROSOLS
· **IMDG** AEROSOLS
· **IATA** AEROSOLS, flammable

· **14.3 Transport hazard class(es)**
· **ADR**



· **Class** 2 5F Gases.
· **Label** 2.1

· **IMDG, IATA**



· **Class** 2.1
· **Label** 2.1

· **14.4 Packing group**
· **ADR, IMDG, IATA** Void

· **14.5 Environmental hazards:**
· **Marine pollutant:** No

· **14.6 Special precautions for user** Warning: Gases.
· **Danger code (Kemler):** -
· **EMS Number:** F-D,S-U

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

· **Transport/Additional information:**

· **ADR**
· **Limited quantities (LQ)** 1L
· **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity
· **Transport category** 2
· **Tunnel restriction code** D

· **IMDG**
· **Limited quantities (LQ)** 1L
· **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity

· **UN "Model Regulation":** UN1950, AEROSOLS, 2.1

GB

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 120

Revision: 02.06.2015

Trade name: **MOTIP MULTI SPRAY**

(Contd. of page 7)

*

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*

SECTION 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.

· **Relevant phrases**

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.

R12 Extremely flammable.

R43 May cause sensitisation by skin contact.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** R&D legislation and regulatory advisor

· **Contact:** Mr. K. Smedeman

· **Abbreviations and acronyms:**

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

ICAO: International Civil Aviation Organisation

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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Press. Gas C: Gases under pressure: Compressed gas

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

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

GB