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

Printing date 08.02.2021

Version number 39

Revision: 17.12.2019

1.1 Product identifier	
Trade name: <u>MOTIP® ANI</u>	TI GRAVEL OVERSPRAYABLE MEDIUM SOLID GREY 500 ML
No further relevant informat Sector of Use SU21 Consumer uses: Prive SU22 Professional uses: Pi Product category PC9a Co Process category PROC7 Industrial spraying PROC11 Non industrial spraying	ate households / general public / consumers ublic domain (administration, education, entertainment, services, craftsmen) atings and paints, thinners, paint removers
<b>1.3 Details of the supplier of</b> <b>Manufacturer/Supplier:</b> MOTIP DUPLI B.V. Wolfraamweg 2 NL- 8471 XC Wolvega The Netherlands Fel: +31 (0)561 694400 Fax: +31 (0)561 694411 e-mail: msds@nl.motipdupli	
Further information obtain 1.4 Emergency telephone nu +31 (0)561-694400 (09:00h	
UK: NPIS National Poisons	Information Centre Tel: +44 0344 892 0111

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

flame

Aerosol 1

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

Eye Irrit. 2	H319	Causes serious eye irritation.	
Skin Sens. 1	H317	May cause an allergic skin reaction.	
STOT SE 3	H336	May cause drowsiness or dizziness.	
Aquatic Chroni	c 3 H412	Harmful to aquatic life with long lasting effects.	
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## SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components: CAS: 74-98-6 12.5-<20% propane EINECS: 200-827-9 🚸 Flam. Gas 1A, H220 Index number: 601-003-00-5 Press. Gas (Comp.), H280 Reg.nr.: 01-2119486944-21 CAS: 123-86-4 12.5-<20% n-butyl acetate EINECS: 204-658-1 🔅 Flam. Liq. 3, H226 🚺 STOT SE 3, H336 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29 CAS: 106-97-8 butane 5-<10% EINECS: 203-448-7 🐵 Flam. Gas 1A, H220 Index number: 601-004-00-0 Press. Gas (Comp.), H280 Reg.nr.: 01-2119474691-32 (Contd. on page 3) Page 3/11

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CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	5-<10%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	2.5-<5%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	2.5-<5%
CAS: 8050-09-7 EINECS: 232-475-7 Index number: 650-015-00-7 Reg.nr.: 01-2119480418-32	Rosin Skin Sens. 1, H317	2.5-<5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	<2.5%

#### · Additional information:

*Note C (Regulation (EC) no. 1272/2008) applies to the component Xylene (mixture) CAS: 1330-20-7. For the wording of the listed hazard phrases refer to section 16.* 

# 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. If symptoms persist, 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.
- $\cdot$  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: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -

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· Protective equipment: Mouth respiratory protective device.

## **SECTION 6:** Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.
- 6.2 Environmental precautions: 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: Dispose contaminated material as waste according to item 13. 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 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. Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- · Additional information about design of technical facilities: No further data; see item 7.

• Ingredients with limit values that require monitoring at the workplace:

123-8	6-4 n-butyl acetate
WEL	Short-term value: 966 mg/m³, 200 ppm
	Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
106-9	7-8 butane

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

## 67-64-1 acetone

WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

#### 141-78-6 ethyl acetate

WEL Short-term value: 1468 mg/m<sup>3</sup>, 400 ppm Long-term value: 734 mg/m<sup>3</sup>, 200 ppm

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8030	(Contd. of page
****	09-7 Rosin
WEL	Short-term value: 0.15 mg/m <sup>3</sup>
	Long-term value: 0.05 mg/m³ Sen
1000	
	20-7 xylene, mixture of isomers
WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 220 mg/m <sup>3</sup> , 50 ppm
	Sk; BMGV
-	dients with biological limit values:
1330	20-7 xylene, mixture of isomers
BMG	V 650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
Addi	ional information: The lists valid during the making were used as basis.
8.2 E	xposure controls
	nal protective equipment:
	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
Imme	diately remove all soiled and contaminated clothing
Wash	hands before breaks and at the end of work.
	ot inhale gases / fumes / aerosols.
	contact with the eyes and skin.
	contact with the eyes.
Resp	ratory 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.
Filter	· A2/P3
Prote	ction of hands:
1117	Protective gloves
Mate	rial of gloves
	rubber, BR
•	election of the suitable gloves does not only depend on the material, but also on further marks of quali
	aries from manufacturer to manufacturer.
Pene	tration time of glove material
Butyl	rubber gloves with a thickness of 0.4 mm are resistant to:
	one: 480 min
	l acetate: 60 min
•	l acetate: 170 min
	ne: 42 min
	rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective ure, we recommend that users and responsible persons for work safety assume solvent resistance length
meas of 42	minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in cular cases.

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· Eye protection:	
Tightly sealed goggles	
SECTION 9: Physical and chemic	cal properties
· 9.1 Information on basic physical and ch	hemical properties
· General Information	
· Appearance: Form:	Aerosol
Colour:	Grey
· Odour:	Solvent-like
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	
· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	365 °C (689 °F)
· Decomposition temperature:	Not determined.
· Explosive properties:	Not determined.
· Explosion limits:	
Lower: Upper:	1.2 Vol % 10.9 Vol %
• Vapour pressure at 20 °C (68 °F):	3500 hPa (2625.2 mm Hg)
• Density at 20 °C (68 °F): • Relative density	0.8 g/cm <sup>3</sup> (6.7 lbs/gal) 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:	69.2 %
VOC (EC)	579.1 g/l
· VOC-EU%	69.18 %
· Solids content:	30.8 %
· 9.2 Other information	No further relevant information available.

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## SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 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.

 $\cdot$  10.4 Conditions to avoid No further relevant information available.

- $\cdot$  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 Based on available data, the classification criteria are not met.

· LD/LC50	values relev	ant for classification:
123-86-4 n	n-butyl aceta	ite
Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/m3 (rat)
67-64-1 ac	etone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50/4h	76 mg/l (rat)
141-78-6 е	thyl acetate	
Oral	LD50	>18000 mg/kg (rab)
Dermal	LD50	5620 mg/kg (rat)
Inhalative	LC50/4 h	1600 mg/m3 (rat)
1330-20-7	xylene, mix	ture of isomers
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50/4 h	29000 mg/m3 (rat)
<ul> <li>Serious ey, Causes ser</li> <li>Respirator, May cause</li> <li>Additional</li> <li>CMR effect</li> <li>Germ cell</li> <li>Carcinoge</li> <li>Reproduct</li> <li>STOT-sing May cause</li> <li>STOT-report</li> </ul>	sion/irritati e damage/ir ious eye irri y or skin se an allergic toxicologic ts (carcinog mutagenici nicity Based ive toxicity gle exposure drowsiness eated expos	on Based on available data, the classification criteria are not met. ritation itation. nsitisation skin reaction. al information: genity, mutagenicity and toxicity for reproduction) ty Based on available data, the classification criteria are not met. l on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.

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12.1 Toxicit	
Aquatic toxi	•
67-64-1 acei	
LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))
1330-20-7 x	ylene, mixture of isomers
EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50/96 h	13.5 mg/l (fish)
Do not allow Danger to di Harmful to d	d class 2 (German Regulation) (Self-assessment): hazardous for water v product to reach ground water, water course or sewage system. rinking water if even small quantities leak into the ground. aquatic organisms of PBT and vPvB assessment oplicable.
12.6 Other a	idverse effects No further relevant information available.

· Recommendation

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

- · Uncleaned packaging:
- · Recommendation:

\*

Disposal must be made according to official regulations. Disposal must be made according to official regulations.

SECTION 14: Transport inj	ormanon	
· 14.1 UN-Number		
· ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name		
$\cdot ADR$	1950 AEROSOLS	
· IMDG	AEROSOLS	
·IATA	AEROSOLS, flammable	

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14.3 Transport hazard class(es)	
ADR	
2	
	2 5F Gases
Class Label	2 SF Gases. 2.1
	2.1
IMDG, IATA	
Class	2.1
Label	2.1
14.4 Packing group	
ADR, IMDG, IATA	not regulated
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	
EMS Number:	F- $D$ , $S$ - $U$
Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1 lith
	Category A. For AEROSOLS with a capacity above 1 litr
	Category B. For WASTE AEROSOLS: Category C, Clean
Segregation Code	of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litr
Segregation Coue	Segregation as for class 9. Stow "separated from" class 1
	except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class 2
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class 2
14.7 Transport in bulk according to Annex II of	
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	
Excepted quantities $(EQ)$	Code: E0
	Not permitted as Excepted Quantity
	<i>Code: E0</i> <i>Not permitted as Excepted Quantity</i>
Transport category	2.
Tunnel restriction code	D
IMDG	
	1L
Limited quantities (LO)	
	Code: E0
Limited quantities (LQ) Excepted quantities (EQ)	<i>Code: E0</i> <i>Not permitted as Excepted Quantity</i>

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· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

## **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.
- · Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- $\cdot$  Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · National regulations:
- · Other regulations, limitations and prohibitive regulations
- · Substances of very high concern (SVHC) according to REACH, Article 57
- 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. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. · Department issuing SDS: R&D legislation and regulatory advisor · Contact: msds@nl.motipdupli.com · 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 relatif au transport international 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) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols – Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas

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Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • \* Data compared to the previous version altered.