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1. Identification of substance, company:

- 1.1. Identification of substance: **MULTISPRAY-05.0031/32/33 – 5/10/25 Lt (tank)**
- 1.2. Application of the substance/the preparation: Release and contact
- 1.3. Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha-5 Stodůlky
Telephone/Fax: +420 327 596 128, +420 596 428
Information: info@retech.cz
- 1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory
extraordinary situations: Tel.+420 327 596 128 (7.30-16.00 hour)
Toxicology information number, Na bojišti 1, 128 08 PRAHA 2
Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Hazard identification:

The product is labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

- 2.1. Hazard designation:

Xn



Harmful

- 2.2. * Information pertaining to particular dangers for man and environment:
Flammable.
Harmful: May cause lung damage if swallowed.
Irritating to skin.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 2.3. Additional information:
Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from sources of ignition – No smoking.
The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3. Composition/information on ingredients:

- 3.1. Description:
Mixture of the substances listed below with harmless additions.
- 3.2. * Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Distillates (petroleum), hydrotreated light	25-<50	64742-47-8	265-149-8	Xn	R 65-66
Kerosine (petroleum)	10-<25	8008-20-6	232-366-4	Xn	R 10-38-51/53-65
Alkaryl polyether	0,1-<1	-	-	Xi,N	R 36/38-51/53

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

4. First aid measures:

- 4.1. After inhalation: Supply fresh air; consult doctor in case of symptoms.

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4.2.	After skin contact:	Immediately wash with water and soap and rinse thoroughly.
4.3.	After eye contact:	Rinse opened eye for several minutes under running water; consult doctor.
4.4.	After swallowing:	Wash out mouth with water and seek medical advice. Do not induce vomiting.
4.5.	General information:	-
5.	Fire fighting measures:	
5.1.	Suitable extinguishing agents:	CO2, water haze, fire-extinguishing powder, alcohol resistant foam
5.2.	For safety reasons unsuitable extinguishing agents:	Water with full jet.
5.3.	Protective equipment:	Wear protective equipment/clothing and oxygen-mask when fighting fires.
5.4.	Additional information:	-
6.	Accidental release measures:	
6.1.	Person-related safety precautions:	Ensure adequate ventilation. Wear protective equipment see item 8.2. Keep unprotected persons away. Keep ignition sources away.
6.2.	Measures for environmental protection:	Do not allow product to reach sewage system or 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.	Measures for cleaning/collecting:	Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13.
6.4.	Additional information:	-
7.	Handling and storage:	
7.1.	Handling:	
	Information for safe handling:	Ensure good ventilation/exhaustion at the workplace. Protect from direct sunlight and do not expose to temperatures exceeding 50°C. Do not smoke.
	Information about protection against explosions and fires:	Do not spray on flames or red-hot objects. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
7.2.	Storage:	
	Requirements to be met by storerooms and containers:	Store in cool location. Protect from heat and direct sunlight. Keep ignition sources away. Do not smoke.
	Information about storage in one common storage facility:	-
	Further information about storage conditions:	Store in cool, dry conditions in well sealed receptacles.
8.	Exposure controls and personal protection:	
8.1.	Validate parameter:	
	Components with limit values that require monitoring at the workplace:	The product does not contain any relevant quantities of materials with critical values that have not to be monitored at the workplace.
	Additional information:	The lists that were valid during the compilation were used as basis.
8.2. *	Personal protective equipment:	
	Eye protection:	Tightly sealed goggles.
	Breathing equipment:	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. Use suitable respiratory protective device in case of insufficient ventilation. Filter AX/P2
	Protection of hands:	Solvent resistant gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of glove material on

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	consideration of the penetration times, rates of diffusion and the degradation.
8.3. Protection of skin:	Protective working clothes.
8.3. General protective and hygienic measures:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hand before breaks and at the end of work. Avoid contact with eyes and skin.
9. Physical and chemical properties:	
Form:	Liquid
Colour:	According to product specification
Odour:	Characteristic
9.1. Melting point/Melting range:	Not determined
Boiling point/Boiling range:	150°C
Flash point:	38°C
Inflammability (strength, gas form)	200.0 °C
Self-inflammability:	Product is not self igniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Explosion limits: lower (% Vol):	0.5 %
upper (% Vol):	6.5%
Vapor pressure (at 20°C):	0,3 hPa
Density at 20 °C	0,825 g/cm ³
Solubility in/Miscibility with	
- water	Not miscible or difficult to mix.
9.2. Other information:	
Solids content:	35.9 %
Organic solvents:	49.1%
VOC-EU	405.1g/l
10. Stability and reactivity:	
10.1. Thermal decomposition/conditions to be avoided:	No decomposition if used according to specifications.
10.2. Materials to be avoided:	-
10.3. Dangerous reactions:	No dangerous reaction known.
10.4. Dangerous products of decomposition:	No dangerous decomposition products known.
11. Toxicological information:	
11.1. * Acute toxicity:	
64742-47-8 Distillates (petroleum), hydrotreated light	
Oral LD50 >2000 mg/kg (rat)	
Dermal LD50 >2000 mg/kg (rat)	
11.2. Primary irritant effect:	
on the skin:	Irritant effect.
on the eye:	No irritant effects.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	-
12. * Ecological information:	
Water hazard class 2 hazardous for water.	
Do not allow product to reach ground water, water bodies or sewage system.	
Harmful for fish.	
Harmful for aquatic organisms.	
13. Disposal considerations:	
13.1. Product:	Must not be disposed together with household garbage. Disposal must be made according to official regulations.

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13.2. Uncleaned packagings: Disposal must be made according to official regulations.

14. * Transport information:

- 14.1. Land transport:
- | | |
|--------------------------|------------------------------------|
| ADR/RID-GGVs/E class: | 3 |
| Danger code (Kemler): | 30 |
| Packaging group: | III |
| Hazard label: | 3 |
| Number UN: | 1993 |
| Description of goods: | FLAMMABLE LIQUID, N.O.S., solution |
| Remarks: | "Limited quantities" LQ7 |
| Transport category: | 3 |
| Tunnel restriction code: | D/E |
- 14.2. Maritime transport:
- | | |
|-----------------------|------------------------------------|
| IMDG-class: | 3 |
| Number UN: | 1993 |
| Label: | 3 |
| Packaging group: | III |
| EMS number: | F-E,S-E |
| Marine pollutant: | No |
| Proper shipping name: | FLAMMABLE LIQUID, N.O.S., solution |
- 14.3. Air transport:
- | | |
|------------------------|--|
| ICAO / IATA -class: | 3 |
| SN/ID number: | 1993 |
| Label: | 3 |
| Packaging group: | III |
| Proper shipping name: | FLAMMABLE LIQUID, N.O.S., solution |
| UN "Model Regulation": | UN1993, FLAMMABLE LIQUID, N.O.S., solution, 3, III |

15. Regulatory information:

- 15.1. Labelling according to law line:
The product has been labeled in accordance with EC Directives / relevant national laws.
Danger of determining components and mark to labelling:
Distillates (petroleum), hydrotreated light; Kerosine (petroleum)

Protect from sunlight and do not expose to temperatures exceeding 50°C.

Labelling hazardousness:



Xn - Harmful

- * Numbers and word reading associated hazard R-sentences :
- R 10 Flammable.
 - R 38 Irritating to skin.
 - R 65 Harmful: May cause lung damage if swallowed.
 - R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Numbers and word reading associated security S-sentences:

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- S 2 Keep out of reach of children.
- S 13 Keep away from food, drink and animal feeding stuffs.
- S 16 Keep away from sources of ignition – No smoking.
- S 23 Do not breathe vapours.
- S 24 Avoid contact with skin.
- S 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- S 51 Use only in well-ventilated areas.
- S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Density: 0,825 g/cm³

VOC: 405.1 g/l

15.2.

Used legislation:

European Regulation (EC) No 1907/2006 – REACH

European Regulation No 67/548EEC and 1999/45/EC

16. * Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:

R 10 Flammable

R 38 Irritating to skin.

R 36/38 Irritating to eyes and 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 66 Repeated exposure may cause skin dryness or cracking.

***Compared to the last version the data has been changed.**