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1. Identification of substance, company:

- 1.1. Identification of substance: **BELT DRESSING - 1 50055**
- 1.2. Application of the substance/the preparation: Against belt squeal
- 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:

F+



Extremely flammable

Xi



Irritant

- 2.2. Information pertaining to particular dangers for man and environment:

Extremely flammable.

May cause sensitization by skin contact.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

- 2.3. Additional information:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition.-

No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

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
Rosin Core Solder	1-5	8050-09-7	232-475-7	Xi	R 43
Acetone	1-5	67-64-1	200-662-2	Xi,F	R 11-36-66-67
Propane-2-ol	1-5	67-63-0	200-661-7	Xi,F	R 11-36-67
Pentane	5-10	109-66-0	203-692-4	F+,Xn,N	R 12-51/53-65
Naphtha (petroleum)	10-30	64742-49-0	265-151-9	Xn, F, N	R 11-38-51/53-65-

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Hydrotreated light (contains less than 0.1% benzene)					67
Liquefied petroleum gas (contains less than 0.1% 1,3-butadiene)	30-60	68476-85-7	270-704-2	F+	R 12

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.
 4.2. After skin contact: Remove soaked clothing; Wash with water and soap. Consult doctor if symptoms persist.
 4.3. After eye contact: Rinse opened eye for several minutes under running water. Get medical attention.
 4.4. After swallowing: Rinse mouth; Do not induce vomiting; Consult a physician.
 4.5. General information: -

5. Fire fighting measures:

- 5.1. Suitable extinguishing agents: CO₂, extinguishing powder or alcohol resistant foam.
 5.2. For safety reasons unsuitable extinguishing agents: Water jet.
 5.3. Protective equipment: Wear protective equipment/clothing and oxygen-mask when fighting fires.
 5.4. Special hazards caused by the material, its products of combustion or resulting gases: In case of fire CO and CO₂ may be possible.
 5.5. Additional information: Aerosols may explode when overheated. Cool the container with water.

6. Accidental release measures:

- 6.1. Person-related safety precautions: Wear protective equipment see item 8.2. Ensure adequate ventilation. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Keep unprotected person away.
 6.2. Measures for environmental protection: Do not allow to enter drainage system, surface or ground water. Inform respective authorities in case product reaches water or sewage system.
 6.3. Measures for cleaning/collecting: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Transfer to suitable container for subsequent disposal.

7. Handling and storage:

- 7.1. Handling:
 Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
 Avoid spilling, skin and eye contact.
 Information about protection against explosions and fires: Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C.
 Do not open by force or throw into fire even after use.
 Do not spray on flames or red-hot objects.
 Keep ignition sources away - Do not smoke.
 7.2. Storage:
 Requirements to be met by storerooms and containers: Store in cool location.
 Observe official regulations on storing packaging with pressurized containers.
 Information about storage in one common storage: Do not store together with strong oxidizing agents.

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facility:

Further information about storage conditions: Protect from heat and direct sunlight.

8. Exposure controls and personal protection:

8.1. Validate parameter:

Components with limit values that require monitoring at the workplace:
(EU)

67-64-1 acetone

OES Short-term value: -

Long-term value: 1210 mg/m³, 500 ppm

109-66-0 Pentane – Long-term value: 600 ppm

64742-49-0 Naphtha (petroleum) – Long-term value: 315 ppm

8050-09-7 Rosin Core Solder 0.5mg/m³ (8hrs)

0.155mg/m³ (15 min)

Additional information

The lists that were valid during the compilation were as basis.

8.2. Personal protective equipment:

Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable.

Breathing equipment: Not required, but ensure adequate ventilation when using the product.

Protection of hands: Chemical resistant gloves required for prolonged or repeated contact.

Protection of skin: Working suit

8.3. General protective and hygienic measures: Wash hands during breaks and at the end of the work.

9. Physical and chemical properties:

Form: Aerosol

Colour: White

Odour: Characteristic

9.1. Value pH: Not determined

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not applicable, as aerosol

Flash point: <0°C

Inflammability (strength, gas form) Not determined

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): Not determined

upper (% Vol): Not determined

Vapour pressure (at 20°C): Not determined

Density at 20 °C Not determined

Solubility in/Miscibility with

- water

Not miscible or difficult to mix.

9.2. Other information: VOC: 550 g/l

10. Stability and reactivity:

10.1. Thermal decomposition / conditions to be avoided: Avoid heat, flames and other sources of ignition.

10.2. Materials to be avoided: Strong oxidising agents.

10.3. Dangerous reactions: No dangerous reaction known.

10.4. Dangerous products of decomposition: In case of fire or high temperatures hydrocarbons, CO and CO₂ may be possible.

11. Toxicological information:

11.1. Acute toxicity:

67-64-1 Acetone

Oral LD50 5800 mg/kg (rat)

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<p>Dermal LD50 20000 mg/kg (rbt) Inhalative LC50/4h 193 mg/l (rat) 67-63-0 propane-2-ol Oral LD50 5045 mg/kg (rat) Dermal LD50 12800 mg/kg (rabbit) Inhalative LC50/4h 30 mg/l (rat) 64742-49-0 Naphtha (petroleum), hydrotreated light Oral LD50 >5000 mg/kg (rat) Dermal LD50 >2600 mg/kg (rab) Inhalative LC50/4h >193 mg/l (rat)</p>	<p>11.2. Primary irritant effect: on the skin: Irritating. on the eye: Irritation may be possible. Sensitization: May cause sensitization by skin contact. Additional toxicological information: Inhalation – High concentration of vapour may cause dizziness, nausea and headaches. Swallowing – May cause irritation of mouth, respiratory tract and intestinal system.</p>
<p>12. Ecological information: Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.</p>	
<p>13. Disposal considerations: 13.1. Product: Disposal must be made according to official regulations. 13.2. Uncleaned packagings: Disposal must be made according to official regulations.</p>	
<p>14. Transport information: 14.1. Land transport: ADR/RID-GGVS: 2 Number/Letter: 5F Danger code (Kemler): 23 Number UN: 1950 Description of goods: Aerosols 14.2. Maritime transport: IMDG-class: 2.1 Number UN: 1950 Packaging group: - EMS-group: F-D, S-U Marine pollutant: No Proper shipping name: Aerosols 14.3. Air transport: ICAO / IATA -class: 2.1 UN/ID number: 1950 Packaging group: - Proper shipping name: Aerosols, flammable</p>	
<p>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: Contains: Rosin Core Solder CAS 8050-09-7. May produce an allergic reaction. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after burn. Do not spray on a naked flame or any incandescent material.</p>	

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Labelling hazardousness:



F+ - Extremely flammable



Xi - Irritant

Numbers and word reading associated hazard R-sentences :

- R 12 Extremely flammable.
- R 43 May cause sensitisation by skin contact.
- R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 67 Vaporous may cause drowsiness and dizziness.

Numbers and word reading associated security S-sentences:

- S 2 Keep out of reach of children.
- S 16 Keep away from sources of ignition – No smoking.
- S 23 Do not breathe vapours/spray.
- S 24/25 Avoid contact with skin and eyes.
- S 37 Wear suitable gloves.
- S 46 If swallowed, seek medical advice immediately and show this container or label.
- S 51 Use only in well-ventilated areas.
- S 56 Dispose of this material and its container at hazardous or special waste collection point.

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 11 Highly flammable.
- R 12 Extremely flammable.
- R 36 Irritating to eyes.
- R 38 Irritating to skin.
- R 43 May cause sensitisation by skin contact.
- 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.
- R 67 Vapours may cause drowsiness and dizziness.