

# SAFETY DATA SHEET

## TECHSOLV HP

Version:8

Review date: 04/02/2021

RE EC/2016-918 - CLP 1272/2008

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Preparation name: TECHSOLV HP
1. 1. 1. Contains: • Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
1. 1. 2. Product code nr: 404012
1. 1. 3. Other means of identification: UFI : U4HG-V0MM-T00E-44SY
1. 2. Details of the supplier of the safety data sheet: SELD  
6 rue Jules Guesde – ZI du Pontet  
F-69360 Saint Symphorien d'Ozon  
France  
Phone: +33 (0)4 37 25 16 16  
Fax: +33 (0)4 78 21 80 70  
E-mail: contact@seld-production.com
1. 3. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131
1. 4. Relevant identified uses of the substance or mixture and uses advised against: Cleaning, degreasing for mechanical and industrial work

### 2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: \* Flam. Aerosol 1 / GHS02 - H222 \*  
\* Asp. Tox. 1 / GHS08 - H304 \*  
\* Aquatic. Chronic 2 / GHS09 - H411 \*

2. 2. Label elements:



Danger

2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Contains: • Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
2. 2. 3. Hazard statement: H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.
2. 2. 4. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P273 Avoid release to the environment.
2. 2. 5. Response: P301 IF SWALLOWED:  
P310a Immediately call a POISON CENTER / doctor.  
P331 Do NOT induce vomiting.  
P391 Collect spillage.
2. 2. 6. Storage: P410 Protect from sunlight.  
P412 Do not expose to temperatures exceeding 50 °C / 122°F.  
P405 Store locked up.
2. 2. 7. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 3. Other hazards: Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.  
Extremely flammable.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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3. 1. Component(s) contributing to the hazard:

- Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
  - CE nr: 920-750-0
  - REACH registration number : 01-2119473851-33
  - Conc. (w eight %) :Conc. (% pds) : % 70 < C <= 80
  - GHS (Globally Harmonized System)
  - \* GHS02 \* Liq. infl. 2 - H225
  - \* GHS08 \* Tox. asp. 1 - H304
  - \* GHS09 \* Tox. aq. chron. 2 - H411
  - Miscellaneous :
  - DNEL / Workers / Inhalation / Systemic effects, in the long run = 2035 mg/m3
  - DNEL / Workers / Dermal / Systemic effects, in the long run = 773 mg/kg
  - DNEL / General population / Inhalation / Systemic effects, in the long run = 608 mg/m3
  - DNEL / General population / Dermal / Systemic effects, in the long run = 699 mg/kg
  - DNEL / General population / Oral / Systemic effects, in the long run = 699 mg/kg
  - LD50 / Dermal / 24h / Rat = > 2920 mg/kg
  - LD50 / Oral / Rat = 5840 mg/kg
  - LC50 / Inhalation (vapours) / 4h / Rat = >23300 mg/m3
  - Additional phrase(s)
  - EUH 066 - Repeated exposure may cause skin dryness or cracking.
- propan-2-ol; isopropyl alcohol; isopropanol
  - Id nr: 603-117-00-0 - CE nr: 200-661-7 - CAS nr: 67-63-0
  - REACH registration number : 01-2119457558-25-XXXX
  - Conc. (w eight %) :Conc. (% pds) : % 5 < C <= 10
  - GHS (Globally Harmonized System)
  - \* GHS02 \* Liq. infl. 2 - H225
  - \* GHS07 \* STOT un. 3. - H336 \* Irr. oc. 2 - H319
  - Miscellaneous :
  - LD50 / Dermal / Rabbit = 13900 mg/kg
  - LD50 / Oral / Rat = 5840 mg/kg
  - LC50 / 24h / Shellfishes = 9714 mg/l
  - LC50 / 96h / Fish = 9640 mg/l
  - LC50 / Inhalation (vapours) / 6h / Rat = >25000 mg/l
  - Exposure limit values
  - T.L.V. ppm = 250 - T.L.V. mg/m<sup>3</sup> = 650
- Dioxyde de carbone
  - CE nr: 204-696-9 - CAS nr: 124-38-9
  - Conc. (w eight %) :Conc. (% pds) : % 1 < C <= 5
  - GHS (Globally Harmonized System)
  - \* GHS04 - Gaz comprimés \* Gaz ss pr. - H280
  - Miscellaneous :
  - Exposure limit values
  - T.L.V. ppm = 5000 - T.L.V. mg/m<sup>3</sup> = 9000 - S.T.E.L ppm = 30000 - S.T.E.L mg/m<sup>3</sup> = 54000

The wording of the sentences are mentioned at heading 16.

## 4. FIRST AID MEASURES

4. 1. Description of first aid measures:

- 4. 1. 1. General advice: In all cases of doubt, or when symptoms persist, seek medical attention. For symptom description, see item 11.
- 4. 1. 2. Inhalation: Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.
- 4. 1. 3. Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.
- 4. 1. 4. Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

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4. 1. 5. Ingestion:	Rinse mouth, drink a lot of water, do not vomit, keep quiet, and go immediately to hospital or to a doctor.
4. 2. Most important symptoms and effects, both acute and delayed:	May cause drowsiness or dizziness.
4. 2. 1. Inhalation:	narcotic effects Toxicité minimale
4. 2. 2. Skin contact:	Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Faiblement toxique
4. 2. 3. Eyes contact:	Splashes in the eyes may cause irritation and reversible local damage.
4. 2. 4. Ingestion:	Alcohol ingestion increases toxic product effects.
4. 3. Indication of any immediate medical attention and special treatment needed :	In all cases of doubt, or when symptoms persist, seek medical attention.

### 5. FIREFIGHTING MEASURES

5. 1. Extinguishing media:	alcohol-resistant foam, carbon dioxide (CO <sub>2</sub> ), powder, water spray.
5. 2. Special hazards arising from the substance or mixture:	Be careful of explosion risk. Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Fire will produce dense black smoke.
5. 3. Advice for firefighters:	Wear a self contained breathing apparatus.
5. 4. Specific method(s):	Cool closed containers exposed to fire with water spray.
5. 5. Extinguishing media which must NOT be used for safety reasons:	Do not use water jet.

### 6. ACCIDENTAL RELEASE MEASURES

6. 1. Personal precautions, protective equipment and emergency procedures:	Evacuate personnel to a safe area. Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.
6. 2. Environmental precautions:	Prevent liquid from entering sewers, watercourses, underground or low areas.
6. 3. Methods and material for containment and cleaning up:	Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth
6. 4. Reference to other sections:	Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

### 7. HANDLING AND STORAGE

7. 1. Handling:	
7. 1. 1. Precautions for safe handling:	Smoking, eating and drinking is prohibited in areas of storage and use. Avoid contact with skin and eyes. For personal protection, see Section 8. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.
7. 1. 2. Technical condition(s):	The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
7. 2. Storage:	
7. 2. 1. Conditions for safe storage, including any incompatibilities:	No smoking. Prevent unauthorised access.

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7. 2. 2. Storage condition(s):	Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store at temperatures between 0°C and 50°C
7. 2. 3. Separation of incompatible product(s):	Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
7. 2. 4. Packaging / tank material:	made of the same material as the supply container.
7. 3. Specific end use(s):	None reasonably foreseeable.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8. 1. Control parameters:

8. 1. 1. Exposure limit(s):	<ul style="list-style-type: none"><li>• Méthylal : T.L.V. ppm = 1000 - T.L.V. mg/m<sup>3</sup> = 3110</li><li>• propan-2-ol; isopropyl alcohol; isopropanol : T.L.V. ppm = 250 - T.L.V. mg/m<sup>3</sup> = 650</li><li>• Dioxyde de carbone : T.L.V. ppm = 5000 - T.L.V. mg/m<sup>3</sup> = 9000 - S.T.E.L ppm = 30000 - S.T.E.L mg/m<sup>3</sup> = 54000</li></ul>
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#### 8. 2. Exposure controls:

8. 2. 1. Appropriate engineering controls:	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.
8. 2. 2. Eye protection:	Eye protection designed to protect against liquid splashes should be worn.
8. 2. 3. Respiratory protection:	In order to avoid inhalation of mist/vapour, all spraying must be done wearing adequate respirator.
8. 2. 4. Hand protection:	solvent-resistant gloves
8. 2. 5. Skin and body protection:	Cotton or cotton/synthetic overalls or coveralls are normally suitable.
8. 3. Environmental exposure controls:	????

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9. 1. Information on basic physical and chemical properties:

9. 1. 1. Physical state:	aerosol: liquid + propellant gas no flammable
9. 1. 2. Colour:	colourless
9. 1. 3. Odour:	alcoholic
9. 1. 4. Melting point / freezing point:	There is no data available on the product itself.
9. 1. 5. Boiling point or initial boiling point and boiling range:	initiale : 57°C fin
9. 1. 6. Flammability:	There is no data available on the product itself.
9. 1. 7. Lower and upper explosion limit:	LIE : 0.6 % LSE : 7.1 %
9. 1. 8. Flash point:	<21°C
9. 1. 9. Auto-ignition temperature:	There is no data available on the product itself.
9. 1. 10. Decomposition temperature:	There is no data available on the product itself.
9. 1. 11. PH:	Not applicable.
9. 1. 12. Solubility:	There is no data available on the product itself.

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9. 1. 13. Water solubility:	immiscible
9. 1. 14. Fat solubility:	completely soluble
9. 1. 15. Solvent solubility:	soluble in most organic solvents
9. 1. 16. Partition coefficient n-octanol/water (log value):	There is no data available on the product itself.
9. 1. 17. Vapour pressure:	There is no data available on the product itself.
9. 1. 18. Relative vapour density:	There is no data available on the product itself.
9. 1. 19. Density and/or relative density:	0.7463 g/cm <sup>3</sup>
9. 1. 20. Particle characteristics:	There is no data available on the product itself.
9. 1. 21. Kinematic viscosity:	Not determined.
9. 2. Other information:	
9. 3. Other information:	Outdistance of ignition: 90 cm

### 10. STABILITY AND REACTIVITY

10. 1. Reactivity:	No decomposition if stored normally.
10. 2. Chemical stability:	Stable under the recommended storage and handling conditions. (See Section 7).
10. 3. Possibility of hazardous reactions:	.
10. 4. Conditions to avoid:	Avoid temperature above 50°C
10. 5. Incompatible materials:	Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
10. 6. Hazardous decomposition products:	Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide..

### 11. TOXICOLOGICAL INFORMATION

11. 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:	There is no data available on the product itself.
11. 1. 1. Inhalation:	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics LC50/inhalation/4h/rat = > 23300 mg/m <sup>3</sup> (vapour)
11. 1. 2. Skin contact:	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics LD50/dermal/rat = > 2920 mg/kg
11. 1. 3. Eyes contact:	No data available.
11. 1. 4. Ingestion:	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics LD50/oral/rat = > 5840 mg/kg

### 12. ECOLOGICAL INFORMATION

12. 1. Toxicity:	Ecological problems are not known or expected under normal use.
12. 2. Persistence and degradability:	No data available.
12. 3. Bioaccumulative potential:	No data available.

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12. 4. Mobility in soil:	.
12. 5. Results of PBT and vPvB assessment:	No data available.
12. 6. Endocrine disrupting properties:	????
12. 7. Other adverse effects:	None reasonably foreseeable.
12. 8. General information(s):	There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

### 13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods:	Collect all waste in suitable and labelled containers and dispose according to local legislation.
13. 2. Contaminated packaging:	Empty containers can be dumped according to local legislation.
13. 3. Further Information(s):	Do NOT wash away into sewer.

### 14. TRANSPORT INFORMATION

14. 1. General information(s):	Transport followed ADR, IMDG, IATA
14. 2. UN number or ID number:	1950
14. 2. 1. UN proper shipping name:	AEROSOLS
14. 3. Land (Road / Railway: ADR/RID):	
14. 3. 1. Transport hazard class(es):	2
14. 3. 2. ADR/RID-Labels:	2.1
14. 3. 3. Classification code:	5F
14. 3. 4. Packing instructions:	P204
14. 4. Sea (IMDG):	
14. 4. 1. Class:	2
14. 4. 2. EmS number:	2-13
14. 4. 3. IMDG-Label(s):	2.1
14. 5. Air (ICAO/IATA):	
14. 5. 1. ICAO/IATA class:	2 - II - 203
14. 5. 2. ICAO/IATA-Labels:	2.1
14. 6. Environmental hazards:	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
14. 7. Special precautions for user:	Concerning personal protective equipment to use, see item 8.
14. 8. Maritime transport in bulk according to IMO instruments:	Not applicable.
14. 9. Further Information(s):	Limited quantities: LQ2

### 15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture:	Labelling aerosol according to the directive 2008/47/CE of the commission of April 8, 2008 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. */-+ % by mass of the contents are flammable.
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15. 2. Chemical safety assessment: No data available.

### 16. OTHER INFORMATION

16. 1. Text of the phrases listed in section 3:

H280 Contains gas under pressure; may explode if heated.  
H225 Highly flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
H319 Causes serious eye irritation.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.

16. 2. Important remarks:

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.  
The user is always responsible for ensuring that the requirements of relevant legislation are complied with.  
The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

16. 3. Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

16. 4. History:

16. 4. 1. First edition date: 11/04/2005

16. 4. 2. Previous revision date: 20/02/2019

16. 4. 3. Review date: 04/02/2021

16. 4. 4. Version: 8

16. 4. 5. Review chapter(s) n°: 2-9

16. 5. Written by: SELD