

SAFETY DATA SHEET

TECHSOLV HP

Version:3




Review date:29/06/2015

RE EC/453/2010 - ISO 11014-1

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

1. 1. Product identifier: TECHSOLV HP
1. 2. Relevant identified uses of the substance or mixture and uses advised against: For more information, to consult the chart.
1. 3. 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@mecatech-performances.com
1. 4. Product code nr: 804 - - -
1. 5. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Flam. Liq. 2 / SGH02 - H225 *
* Asp. Tox. 1 / SGH08 - H304 *
* Aquatic. Chronic 2 / SGH09 - H411 *
* STOT SE 3 / SGH07 - H336 *
2. 2. EC number: Not applicable.
2. 3. Contains: • Naphta léger (pétrole), hydrotraité ; Naphta hydrotraité à point d'ébullition bas.
• propan-2-ol; isopropyl alcohol; isopropanol
2. 4. Label elements (R - S):
-   
2. 4. 1. Symbol(s): F - Highly flammable ; Xi - Irritant ; N - Dangerous for the environment
2. 4. 2. R-phrase(s): 11 Highly flammable.
38 Irritating to skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67 Vapours may cause drowsiness and dizziness
2. 4. 3. S-phrase(s): 2 Keep out of the reach of children.
23 Do not breathe gas / fumes / vapour / spray.
29 Do not empty into drains.
38 In case of insufficient ventilation, wear suitable respiratory equipment.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

2. 5. Label elements (CLP - SGH):



Danger

2. 5. 1. Symbol(s) and signal word: .
2. 5. 2. Hazard statement: H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
2. 5. 3. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground / bond container and receiving equipment.

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2. 5. 4. Response:	P241 Use explosion-proof electrical / ventilating / lighting / ... / equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P273 Avoid release to the environment. P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P271 Use only outdoors or in a well-ventilated area. P303 IF ON SKIN (or hair): P361 Take off immediately all contaminated clothing. P353 Rinse skin with water / shower. P370 In case of fire: P378 Use ????? to extinguish. P304 IF INHALED: P340 Remove person to fresh air and keep comfortable for breathing. P312a Call a POISON CENTER / doctor if you feel unwell. P301 IF SWALLOWED: P310a Immediately call a POISON CENTER / doctor. P331 Do NOT induce vomiting. P391 Collect spillage.
2. 5. 5. Storage:	P403 Store in a well-ventilated place. P235 Keep cool. P233 Keep container tightly closed. P405 Store locked up.
2. 5. 6. Disposal:	P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 6. Most important hazards:	Vapour / air mixture is flammable. Irritating to respiratory system and skin. (narcotic effects)
2. 7. Other hazards:	Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

- Naphta léger (pétrole), hydrotraité ; Naphta hydrotraité à point d'ébullition bas.
 - CE nr: 920-750-0
 - REACH registration number : 01-2119473851-33
 - Conc. (weight %) : 80 < C <= 90
 - R-S :
 - Symbol(s): F Xn N - R-phrase(s): 11-65-66-67-51-53
 - SGH :
 - * SGH02 - Flame - Danger - Flam. Liq. 2 - H225
 - * SGH08 - Health hazard - Danger - Asp. Tox. 1 - H304
 - * SGH09 - Environment - Aquatic. Chronic 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. (weight %) : 1 < C <= 5

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- R-S :
Classification: • F; R11 Xi; R36 R67 •
- SGH :
* SGH02 - Flame - Danger - Flam. Liq. 2 - H225
* SGH07 - Exclamation mark - Warning - STOT SE 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

- VME ppm = 250 - VME mg/m³ = 650

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.
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:

4. 2. 1. Inhalation: narcotic effects
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.
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 (CO₂), 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: Use a self-contained breathing apparatus and also a protective suit.
5. 4. Specific method(s): Cool closed containers exposed to fire with water spray.

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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. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).
6. 4. Reference to other sections: Concerning personal protective equipment to use, see item 8. Concerning disposal elimination after cleaning, see item 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.
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 5°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): • propan-2-ol; isopropyl alcohol; isopropanol : VME ppm = 250 - VME mg/m³ = 650
8. 1. 2. Engineering measure(s): 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. Exposure controls:
8. 2. 1. Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.
8. 2. 2. Hand protection: Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

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8. 2. 3. Skin and body protection: Cotton or cotton/synthetic overalls or coveralls are normally suitable.
8. 2. 4. Eye protection: Eye protection designed to protect against liquid splashes should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

9. 1. 1. Appearance: liquid
9. 1. 2. Colour: colourless
9. 1. 3. Odour: alcoholic
9. 1. 4. PH: Not determined.
9. 1. 5. Boiling point/range: Not determined.
9. 1. 6. Flash point: < 21°C
9. 1. 7. Explosion limits: 1,1 -13 volume %
9. 1. 8. Relative density (w ater = 1): 0.7463 g/cm³

9. 2. Other information:

9. 2. 1. Water solubility: immiscible
9. 2. 2. Fat solubility: completely soluble
9. 2. 3. Solvent solubility: completely miscible

10. STABILITY AND REACTIVITY

10. 1. Reactivity: No decomposition if stored and applied as directed.
10. 2. Chemical stability: Stable under the recommended storage and handling conditions. (See Section 7).
10. 3. Possibility of hazardous reactions: Not waited
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 toxicological effects: There is no data available on the product itself.
11. 2. Acute toxicity:
11. 2. 1. Inhalation: see item nr 3
11. 2. 2. Skin contact: see item nr 3
11. 2. 3. Eyes contact: see item nr 3
11. 2. 4. Ingestion: see item nr 3

12. ECOLOGICAL INFORMATION

12. 1. Toxicity: Ecological problems are not known or expected under normal use.
12. 2. Persistence and degradability: Readily biodegradable.

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12. 3. Bioaccumulative potential:	Cette préparation contient une substance UVCB. Les tests standards ne sont pas appropriés pour ce paramètre.
12. 4. Mobility in soil:	The substance is a UVCB. The standard tests are not adapted for this parameter.
12. 5. Results of PBT and vPvB assessment:	This product n' is not a substance PBT or vPvB, or n' in does not contain.
12. 6. Other adverse effects:	No expected harmful effects.
12. 6. 1. Toxicity to fish:	WGK 1 (D)
12. 7. 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.

14. TRANSPORT INFORMATION

14. 1. General information(s):	Transport followed ADR, IMDG, IATA
14. 2. UN number:	3295
14. 2. 1. UN proper shipping name:	Hydrocarbures liquides, N.S.A.
14. 3. Land (Road / Railway: ADR/RID):	
14. 3. 1. Transport hazard class(es):	3
14. 3. 2. Packing group:	II
14. 3. 3. ADR/RID-Labels:	3
14. 3. 4. Code danger:	33
14. 3. 5. Classification code:	F1
14. 4. Sea (IMDG):	
14. 4. 1. Class:	3
14. 4. 2. Packaging group:	II
14. 4. 3. IMDG-Label(s):	3
14. 5. Air (ICAO/IATA):	
14. 5. 1. ICAO/IATA class:	3
14. 5. 2. Packing group:	II
14. 5. 3. ICAO/IATA-Labels:	3
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. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture:	Payment 1907/2006 concerning the recording, the evaluation and the authorization of chemical substances, as well as the restrictions applicable to these substances.... as modified.
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15. 2. Chemical safety assessment: Not applicable.

16. OTHER INFORMATION

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

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.

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: 02/07/2008

16. 4. 3. Review date: 29/06/2015

16. 4. 4. Version: 3

16. 4. 5. Review chapter(s) n°: CLP

16. 5. Written by: SELD