

SAFETY DATA SHEET

According to Work Health and Safety Regulations 2011 and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

Version 2.0

Issue date: 26/04/2020

Revision date: 11/10/2020

SDS Record Number: C555-TCO-010-140664

TEC7 CLEANER

1. Identification of the material and supplier

Material name: TEC7 CLEANER

Other Names: -

Recommended use: Degreasing agent.

Manufacturer:

Supplier(Manufacturer): Novatech International N.V.
*TEC7 is a registered trademark of Novatech International N.V.

Address: Industrielaan 5B
B-2250 Olen

Contact person(E-mail): info@tec7.be

Telephone: +32 14 85 97 37

Fax: +32 14 85 97 38

Emergency number: +32 14 58 45 45

Importer

Company name: Olmurtech

Address: P.O. BOX 5939
Brendale DC, QLD. 4500
Australia
www.olmurtech.com.au

Contact person(E-mail): simone@olmurtech.com.au

Telephone: +61 0 426 177 310

Fax: -

Emergency number: Poisons Information Centre ☎ 13 11 26

2. Hazards identification

GHS classification:

Physical hazards:	Flammable liquids	Category 3
Health hazards:	Aspiration hazard	Category 1
	Specific target organ toxicity (single exposure)	Category 3
Environmental hazards:	Hazardous to the aquatic environment - acute hazard	Category 3
	Hazardous to the aquatic environment - long-term hazard	Category 3

GHS label elements:

Hazard Pictograms: :



Signal word: Danger

Hazard statement: Flammable liquid and vapour
May be fatal if swallowed and enters airways
May cause drowsiness or dizziness
Harmful to aquatic life with long lasting effects

Precautionary statement:

Prevention: If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Wear protective gloves/eye protection/face protection

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local regulation.

Specific hazards: Not applicable.

3. Composition/information on ingredients

Components	CAS No.	Percent
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	30%<C<100%

4. First aid measures

Inhalation: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

Skin: Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

Eye: Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO₂ extinguisher. Major fire: Class B foam (not alcohol-resistant).

Extinguishing media which must not be used for safety reasons: Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion. Major fire: Water; risk of puddle expansion.

Specific hazards arising from the chemical: In case of fire, the following can be released: carbon monoxide, carbon dioxide.

Fire Fighting: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

HAZCHEM code None.

6. Accidental release measures

Personal precautions: Stop engines and no smoking. No naked flames or sparks. Spark- and explosion proof appliances and lighting equipment.

Containment procedures: Contain released product, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Prevent soil and water pollution. Prevent spreading in sewers.

Methods for cleaning up:

Take up liquid spill into a non combustible material e.g.: sand, earth, vermiculite. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

7. Handling and storage

Precautions for safe handling:

Use spark-/explosion proof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Take precautions against electrostatic charges. Gas/vapor heavier than air at 20°C. Observe normal hygiene standards. Remove contaminated clothing immediately. Do not discharge the waste into the drain. Keep container tightly closed.

Storage:

Store in a cool area. Provide for a tub to collect spills. Meet the legal requirements. Keep away from: Heat sources, ignition sources, oxidizing agents.

8. Exposure controls/personal protection

Control parameters

Follow standard monitoring procedures

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

No exposure standards allocated.

Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protective equipment:**Eye/face protection:**

Face shield (EN 166).

Skin protection:

Protective clothing (EN 14605 or EN 13034).

Respiratory protection:

High gas/vapor concentration: full face mask with filter type A.

Hand protection:

Protective gloves against chemicals (EN 374). Materials: nitrile rubber, Thickness: 0.35 mm, Measured breakthrough time: > 480 minutes.

9. Physical and chemical properties

Appearance:**Physical state:**

Liquid

Form:

Liquid

Color:

Not available

Odor:

Characteristic odor

Odour threshold:

Not available

PH:

Not available

Melting point/Freezing point:

Not available

Initial boiling point and boiling range:

130 °C - 166 °C

Flash point:

24 °C

Evaporation rate:

0.35; Butyl acetate

Flammability (solid, gas) :

Not available

Upper/lower flammability or explosive limits:

0.6 - 7 vol %

Vapor pressure:

4.6 hPa (20 °C)

Vapor density:

Not available

Relative density:

0.764 (20 °C)

Solubility (H₂O) :

Not available

Partition coefficient (n-octanol/water) :	Not available
Auto-ignition temperature:	200 °C
Decomposition temperature:	Not available
Dynamic viscosity:	1 mPa.s (20 °C)
Kinematic viscosity:	1 mm ² /s (20 °C)
Organic solvents:	Not available
Water:	Not available
VOC (EC) :	Not available
Solids contents:	Not available
Explosive properties:	No chemical group associated with explosive properties
Oxidising properties:	No chemical group associated with oxidising properties
Molecular Formula:	Not available
Molecular Weight:	Not available
Absolute density:	764 kg/m ³ (20 °C)

10. Stability and reactivity

Reactivity:	May be ignited by sparks. Gas/vapor spreads at floor level: ignition hazard.
Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	Incompatible materials. Use spark-/explosion proof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Take precautions against electrostatic charges.
Incompatible materials:	Oxidizing agents.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide.

11. Toxicological information

Toxicological data:	
Acute toxicity:	
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LD50(Oral, Rat):	> 15000 mg/kg bw
LD50(Dermal, Rabbit):	> 5000 mg/kg bw
LC50(Inhalation, Rat):	> 4951 mg/m ³ 4 h
Skin corrosion/Irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT- single exposure:	May cause drowsiness or dizziness.
STOT-repeated exposure:	No data available.
Aspiration hazard:	May be fatal if swallowed and enters airways.
Other information	This product has no known adverse effect on human health.

12. Ecological information

Toxicity:
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LL50	> 10 - < 30 mg/L	96h	Fish	OECD 203	N/A	N/A
EL50	> 22 - < 46 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EL50	> 1000 mg/L	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Contains readily biodegradable component(s).
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Other adverse effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal methods:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Waste from residues/unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

ADG	
UN number	UN3295
Proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Hazard class	3
Packing group	III
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
IATA	
UN number	UN3295
Proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Hazard class	3
Packing group	III
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
IMDG	
UN number	UN3295
Proper shipping name	HYDROCARBONS, LIQUID, N.O.S. (hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Hazard class	3
Packing group	III
Environmental hazards	
Marine pollutant	No
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	IBC03

15. Regulatory information

Safety, health and environmental regulations

National regulations

Australia Medicines & Poisons Appendix A/B/D/E/F/G/H/I/J/K / Australia Medicines & Poisons Schedule 10/2/3/4/5/6/7/8/9

Poisons schedule number not allocated.

High Volume Industrial Chemicals (HVIC)

Not listed.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations

Stockholm Convention

Not applicable

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

Inventory status:

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Not available
Canada	Domestic /Non-Domestic Substances List (DSL) /(NDSL)	Not available
China	Inventory of Existing Chemical Substances in China (IECSC)	Not available
Europe	European Inventory of Existing Commercial/ Notified Chemical Substances (EINECS) / (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Not available
Korea	Existing Chemicals List (ECL)	Not available
New Zealand	New Zealand Inventory	Not available
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Not available
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Not available

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Indication of changes: Version 1.0

Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG)

Technische Schoolstraat 43 A, B-2440 Geel

<http://www.big.be>

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Training instructions:

Not applicable.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.