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Version 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name PLIOTEC HDT 12

Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Industrial

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier

OMNOVA Solutions SAS
14, avenue des Tropiques
Z.A. de Courtaboeuf 2 - Villejust
91955 Courtaboeuf Cedex
France
Telephone: +33 1 69 29 27 00

For further information, please contact

E-mail address SDS@OMNOVA.com

1.4. Emergency telephone number

Emergency Telephone Chemtrec international: +1 703 527 3887
Emergency telephone number UK: (+44) 844 892 0111
Ireland:(+353) 1 809 2166, (+353) 1 837 9964
Iceland: (+354) 543 22 22

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This substance or mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
This substance / mixture is not legally required to have a Safety Data Sheet.

2.2. Label elements

Product identifier

2.3. Other hazards

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not Applicable

3.2 mixtures

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a doctor.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a doctor.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes Keep eye wide open while rinsing If symptoms persist, call a doctor
Ingestion	Clean mouth with water. Call a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media
Dry chemical, CO2 or water spray.

Unsuitable extinguishing media
No information available

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapours

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions

Ensure adequate ventilation, especially in confined areas.

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water
 Dyke to collect large liquid spills

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
 Ensure adequate ventilation, especially in confined areas

General hygiene considerations
 Handle in accordance with good industrial hygiene and safety practice

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions
 Keep in properly labelled containers
 Keep containers tightly closed in a cool, well-ventilated place
 Keep from freezing

7.3. Specific end use(s)

Risk Management Methods (RMM)
 The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face protection Wear safety glasses with side shields (or goggles).
Hand protection Wear protective nitrile rubber gloves

Skin and Body Protection Wear protective Neoprene™ gloves
 Suitable protective clothing.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid	Odour Threshold	Not determined
Appearance	No information available	Odour	uncharacteristic
colour	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7-8	
Melting point/freezing point		No data available
Boiling point / boiling range	100 °C / 212 °F	
flash point		Not Applicable
evaporation rate		Not determined
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:		No information available
Lower flammability limit:		No information available
Vapour Pressure	23	@20°C (hPa)
vapour density		Not determined
Water solubility	Miscible in water	
Solubility in other solvents		No information available
Partition coefficient		Not determined
Autoignition Temperature		Not Applicable
Decomposition temperature		Not determined
Kinematic viscosity		No data available
Dynamic viscosity		Not determined
Explosive properties	Not an explosive	
Oxidising properties		No information available

other information

Explosion severity		
Danger of Explosion, cloud		Not Applicable
Minimum Ignition Energy, Cloud, mJ		Not Applicable
KST, (cloud), bar.m.s-1		Not Applicable
Pmax maximum explosion pressure, Cloud, bar		Not Applicable
VMP, (cloud), bar.s-1		Not Applicable
LOC Limiting Oxygen Concentration, Cloud, %v/v O2		Not Applicable
softening point		No information available
molecular weight		No information available
density		Not determined
Bulk Density		No information available
specific gravity		No information available
Granulometry		No information available
Moisture content		No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions**Possibility of hazardous reactions**

None under normal processing.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Unknown acute toxicity 0% of the substance or mixture consists of ingredient(s) of unknown toxicity.

Skin corrosion/irritation No information or data specific to the product on this toxicological (health) effect is available.

Serious eye damage/eye irritation No information or data specific to the product on this toxicological (health) effect is available.

sensitisation No information or data specific to the product on this toxicological (health) effect is available

Germ Cell Mutagenicity No information or data specific to the product on this toxicological (health) effect is available.

carcinogenicity No information or data specific to the product on this toxicological (health) effect is available.

Reproductive Toxicity No information or data specific to the product on this toxicological (health) effect is available.

STOT - single exposure No information or data specific to the product on this toxicological (health) effect is available.

STOT - repeated exposure No information or data specific to the product on this toxicological (health) effect is available.

Aspiration Hazard No information or data specific to the product on this toxicological (health) effect is available.

SECTION 12: Ecological information

12.1. Toxicity

Not considered to be harmful to aquatic life
 0.6% of the substance or mixture consists of components(s) of unknown hazards to the aquatic environment

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Mobility in soil
 No information available.

12.5. Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bio-accumulating nor toxic (PBT)
 This preparation contains no substance considered to be very persistent nor very bio-accumulating (vPvB)

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Improper disposal or reuse of this container may be dangerous and illegal.

SECTION 14: Transport information

IMDG

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not Applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

RID

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated

14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

ADR

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**International Inventories**

AICS	Yes
DSL	Yes
NDSL	-
IECSC	Yes
EINECS	Yes
ELINCS	-
ENCS	Yes
KECL	Yes
PICCS	No
TSCA	Yes
NZIoC	Yes

Legend:

AICS - Australian Inventory of Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of H-Statements referred to under section 3

No information available

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Disclaimer

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End of Safety Data Sheet