**** MATERIAL SAFETY DATA SHEET ****

HELVETOLIDE

Section 1 - Chemical Product and Company Identification

MSDS Name : HELVETOLIDE

Synonyms : HELVETOLIDE

Company Identification THE AROMAVERSE-FZCO
A6-3648479202, Premises No. A6-003-B ,
IFZA Business Park, DDP. DUBAI,UNITED ARAB EMIRATES.
Email: info@aromaverse.net

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#	
141773-73-1	HELVETOLIDE	99%Min	415-490-5	

Hazard Symbols: None Available

Risk Phrases: None Known.

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation ST/SG/AC.10/30/Rev.6 [UN/GHS]

Environmental Hazard (acute) - Cat. 2 H401

Environmental Hazard (chronic) - Cat. 2 H411

2.1.2 Additional information

Full text of listed statements : See section 16

2.2 Label elements

Hazard pictograms:

Signal Word:

-

Hazard Statements:

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements:

P273 Avoid release to the environment.

P391 Collect spillage

Section 4 - First aid Measures

Eyes	Rinse immediately with plenty of water for 10 minutes at least.
Skin	Wash thoroughly with soap and water; flush with plenty of water.
Ingestion	Wash the mouth with water; seek medical advice immediately.
Inhalation	Move from exposure site to fresh air and keep at rest.
Notes to Physician	Treat symptomatically.

Section 5 - Fire Fighting Measures

General Information	Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.
Extinguishing Media	CO2, foam, dry chemicals.

Section 6 - Accidental Release Measures

General Information	Prevent any contact with hot surfaces. Do not approach facing the wind.
Spills/Leaks	Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material.

Section 7 - Handling and Storage

Handling	Apply according to good manufacturing and industrial hygiene practices with proper ventilation.
Storage	Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

Section 8 - Exposure Controls, Personal Protection

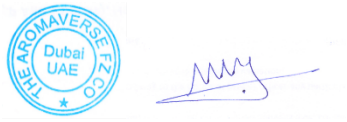
Engineering Controls Ensure good ventilation of the work station.

PERSONAL PROTECTIVE EQUIPMENT

Eyes Use safety glasses.

Skin Avoid skin contact. Use chemical resistant gloves as needed.

Respirators Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions



Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance :	LIQUID
Colour :	COLOURLESS
Odour :	Characteristic strong odour according to the
pH :	commercial description of the substance.
Melting point/range (°C) :	Not available
Initial boiling point/range (°C) :	< -20 °C (Method A1)
Flash point (closed cup) :	= 282 - 303 °C at 101.325kPa (Method A2)
Evaporation rate :	= 139°C
Flammability (solid/gas) :	Not available
Explosive properties (St class) :	Not applicable
Vapour pressure (Pa) :	N/A
Vapour density :	VP = 23.303 Pa at 25°C (Method A4)
Relative density (d 20/20) :	Not available
Water solubility (20°C) :	= 0.93833 at 20°C (Method A3)
Partition coef. (n-octanol/water) :	= 4.7 - 4.7 mg/l at (OECD 105)
Auto-ignition temperature (°C) :	Log Kow = 4.68 (Method A8)
Decomposition temperature :	= 294 °C at 100.77 - 101.31kPa (Method A15)
Viscosity :	= 14.840 mPa.s at 20°C (OECD 114)
Explosive properties :	Not available
Oxidizing properties :	Not available

Section 10 - Stability and Reactivity

Chemical Stability Stable under normal temp and pressure.

Conditions to Avoid Avoid contact with strong acids, alkali or oxidizing agents.

Incompatibilities with Other Materials strong acids, alkali or oxidizing agents.

Hazardous Decomposition Products Carbon Monoxide and carbon Dioxide

Hazardous Polymerization Not Known.

Section 11 - Toxicological Information

(a) acute toxicity
Acute oral toxicity (Rat, Gavage): LD50 > 2000 mg/kg
Acute dermal toxicity (Rat, OECD 402): LD50 > 2000 mg/kg
(b) skin corrosion/irritation
Primary Skin irritation (OECD 404 modified) (Rabbit, Semi-occlusive): Non irritant
(c) serious eye damage/irritation
Acute Eye irritation (Rabbit): Non irritant
(d) respiratory or skin sensitisation
Guinea pig Maximisation test (OECD 406): Non-sensitising to skin
(e) germ cell mutagenicity
Bacterial Reverse Mutation test (Ames) (Salmonella + E. Coli, OECD 471, With and without S9, 5
strains): Non mutagenic
In vitro mammalian cell gene mutation test (Chinese hamster, OECD 476, With and without S9): Non
mutagenic
In vitro Mammalian Chromosome Aberration Test (Human, OECD 473): No chromosomal aberration
(f) carcinogenicity
No data available
(g) reproductive toxicity
One-Generation Reproduction Toxicity Study (Rat, OECD 415, Gavage, 14 day(s)): NOAEL = 1000
mg/kg/day
(h) STOT-single exposure
No data available
(i) STOT-repeated exposure
Repeated Dose 28-Day Oral Toxicity Study in Rodents (Rat, Gavage): NOEL = 250 mg/kg
(j) aspiration hazard
No data available

Section 12 - Ecological Information

Other .None Available.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not Regulated	Not Regulated	Not Regulated
Hazard Class:			
UN Number:			

Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives

Hazard Symbols:

Risk Phrases: R20/21/22

R36/37/38

Safety Phrases: Not Available.

United Kingdom Occupational Exposure Limits: Not Known.

Canada : Product is on the DSL list.

Exposure Limits

US FEDERAL

TSCA : Product is listed on the TSCA list.

Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages. ----------