

Defom 3150 Defoamer

1. Chemical product and company identification**1.1 Product name :** Defom 3150 Defoamer**1.2 Synonym(s) :** -**1.3 General use :** Coating additive**1.4 Product description :****1.5 Manufacturer / Supplier :****Name :** Elementis Specialties, Asia **Telephone / Telefax :** Tel.: +86-21-57740348 / +886-3-5984035**Address :** No. 99, LianYang Road, Songjiang Industrial Zone, Zip : 201613, Shanghai China**Address :** 92, Kuang-Fu North Road, Hsinchu Industrial Park, Hukou, Hsinchu, Taiwan**Emergency telephone number :** Tel.: +86-21-57740348 / +886-3-5984035**2. Composition / Information on ingredients****2.1 Chemical characterization :** foam destroying polymer solution**2.2 Hazardous components :**

Chemical name	CAS number	Wt %	Symbol	R-phrases
Light aromatic solvent naphtha	64742-95-6	55 - 65	F	10 - 36

3. Hazards identification**3.1 Emergency overview :****Color :** colourless**Physical form :** liquid**Odor :** characteristic**Major health hazards :** irritating to the mucous membranes**Physical hazards :** Flammable liquid and vapor. Vapor may cause flash fire.**3.2 Potential health effects : -****Primary route of exposure : -****Inhalation :** in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible**Eye contact : -****Skin contact : -****Ingestion : -****Chronic toxicity/Carcinogenicity :** no information available**Medical conditions aggravated by exposure :** no information available

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4. First aid measures**4.1 Inhalation:**

Remove from exposure area to fresh air immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed. Get medical attention.

4.2 Eye contact:

Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention.

4.3 Skin contact:

Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15 - 20 minutes). Get medical attention, if needed.

4.4 Ingestion:

Contact local poison control center or physician immediately. Never make an unconscious person vomit or drink fluids. When vomiting occurs, keep head lower than hips to help prevent aspiration. If person is unconscious, turn head to side. Get medical attention immediately

4.5 Note to physician: -**5. Fire fighting measures****5.1 Flammable properties :**

Vapors heavier than air. Formation of explosive mixtures possible with air. Keep away from sources of ignition.

Flash point and Method : 50°C (closed cup)

Flammable Limits : 0.8 % - 7.0%

Autoignition temperature : 450°C

5.2 Suitable extinguishing media: CO₂, foam, powder**5.3 Unsuitable extinguishing media:** water**5.4 Special hazards: -****5.5 Special protective equipment for fire-fighters:**

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

6 Accidental release measures**6.1 Land spill:**

Dike for later disposal. Absorb with sand or other non-combustible material. Collect with absorbent into suitable container.

6.2 Water spill:

Cover with absorbent sheets, spill-control pads or pillows. Apply detergents, soaps, alcohols or another surface active agent. Remove trapped material with suction hoses. Keep out of water supplies and sewers.

6.3 Occupational spill: Do not touch spilled material. Stop leak if possible without personal risk.

Small spills : Collect spilled material in appropriate container for disposal. Move containers away from spill to a safe area.

Large spills : Dike for later disposal. Keep unnecessary people away, isolate hazard area and deny entry.

7. Handling and storage**7.1 Handling:**

Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Use spark-proof tools and explosion-proof equipment. Use only clean, dry, utensils in handling.

7.2 Storage:

Store at room temperature. Store in a cool dry place. Keep separated from incompatible substances. Store in a tightly closed container. Grounding and bonding required.

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8. Exposure controls and personal protection**8.1 Engineering controls :**

Provide local exhaust ventilation system. Ventilation equipment should be explosion-resistant if explosive concentration of toluene is present.

8.2 Personal protective equipment : -**Eye/Face protection:**

Wear safety glasses. Wear coverall, chemical goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection: Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.

Respiratory protection: approved air-purifying respirator with organic vapor cartridge or canister

General: no information is available

9. Physical and chemical properties

9.1 Appearance:	liquid
9.2 Color :	colourless
9.3 Odor :	characteristic
9.4 Flash point :	50°C (closed cup)
9.5 Boiling point :	>120°C
9.6 Physical state :	liquid
9.7 Melting point :	not available
9.8 Vapor pressure :	40 hPa (50°C)
9.9 Vapor density (Air=1) :	-
9.10 Solubility in water :	insoluble
9.11 Specific gravity :	0.88
9.12 Freezing point :	not available
9.13 pH :	not available
9.14 % Volatile :	ca. 60
9.15 Viscosity:	not available

10. Stability and reactivity

10.1 Chemical stability : stable at normal temperature and pressure

10.2 Conditions to avoid :

Avoid heat, flames, sparks and other sources of ignition. Containers may rupture or explode if exposed to heat.

10.3 Incompatibility with other materials :

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Hazardous decomposition products :

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen..

10.5 Hazardous polymerization : will not polymerize

11. Toxicological information**11.1 Acute inhalation effects :**

In high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible.

Eye effects :-

Skin effects :-

Acute oral effects: -

11.2 Subchronic effects :no information available

11.3 Chronic effects / carcinogenicity : may cause cancer

11.4 Mutagenicity : no information available

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12. Ecological information			
12.1 Environmental Fate and Distribution : -			
12.2 Environmental Effects : -			
12.3 Fate and Effects in Waste Water Treatment Plants : -			
12.4 Additional Environmental Information : -			
13. Disposal considerations			
13.1 Product Disposal : -			
13.2 Packaging Disposal : -			
14. Transport information			
14.1 Land transport ADR / RID and GGVS /GGVE			
ADR /RID			
Class :	3	Item :	PG III UN-No. : 1993
GGVS /GGVE			
Class :	-	Item :	- Letter : -
Marine transport IMDG /DDVSea			
IMDG-code :	3	Marine poll :	- UN number : 1993
Air transport ICAO-TI and IATA-DGR			
ICAO /IATA Class :	3		UN number : 1993
15. Regulatory information			
15.1 This product is classified as follows and labeled accordingly.			
According to Directive 67/548/EEC:			
Symbol : F (flammable)			
R-phrases : R10 (Flammable)			
R36 (Irritating to eyes)			
S-phrases : S3/7/9 (Keep container tightly closed in a cool, well ventilated place)			
16. Other information			
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<i>This information contained herein is base on the present state of our knowledge. It characterizes the product with regard to the aspirate safety precautions. It does not represent a guarantee of the properties of the product</i>			