

HDUPONT Antispread 1HO

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

1.1. - Product identifier

Trade name HDUPONT Antispread 1HO
Chemical name
Product-type Mixture
Product code DU073

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

Relevant identified uses of the substance or mixture - Auxiliary for fabric dyeing

1.3. - Details of the supplier of the safety data sheet

Dharma Trading Co.

1805 South McDowell Boulevard Ext.

Petaluma, Ca 94954

1.4. - Emergency telephone number

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not Classified	Not classified
----------------	----------------

2.2. - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : None
Pictograms : None
Hazard statements : None
Precautionary statements

P102	Keep out of reach of children.
------	--------------------------------

EUH-phrases

EUH208	Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one (2634-33-5) 2-méthyl-2H-isothiazole-3-one (2682-20-4) . May produce an allergic reaction
--------	--

2.3. - Other hazards

SECTION 3 - Composition/information on ingredients

3.1. - Substances

Not applicable

3.2. - Mixtures

HDUPONT Antispread 1HO

Chemical name	No	%	Class	Spec. concentrations
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	CAS No. : 112-34-5 Index No. : 603-096-00-8 EC No. : 203-961-6	1,9487	Eye Irrit. 2 - H319	

SECTION 4 - First aid measures

4.1. - Description of first aid measures

<u>Measures in case of inhalation</u>	- No special measures are necessary. - Provide fresh air.
<u>Measures in case of contact with skin</u>	- Rinse with water and soap - When in doubt or if symptoms are observed, get medical advice.
<u>Measures in case of contact with eyes</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>Measures in case of ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting.

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

<u>Symptoms and effects after inhalation</u>	- No known symptoms
<u>Symptoms and effects after contact with skin</u>	- No known symptoms to date.
<u>Symptoms and effects after contact with eyes</u>	- No known symptoms to date.
<u>Symptoms and effects after ingestion</u>	- If you feel unwell consult a doctor.

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

SECTION 5 - Firefighting measures

5.1. - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO2) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- High power water jet

5.2. - Special hazards arising from the substance or mixture

<u>Special hazards</u>	- No information available.
------------------------	-----------------------------

5.3. - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6 - Accidental release measures

6.1. - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	- Use personal protection equipment.
------------------------------------	--------------------------------------

HDUPONT Antispread 1HO

- Provide adequate ventilation.

For emergency responders

- No information available.

6.2. - Environmental precautions

- Avoid letting pass by in pipes and common waters

6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques

- No information available.

Appropriate clean-up procedures

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

- Wash with plenty of water.

Inappropriate techniques

- No information available.

6.4. - Reference to other sections

- Disposal: see section 13

- Personal protection equipment: see section 8

SECTION 7 - Handling and storage

7.1. - Precautions for safe handling

Recommendations

- No special technical protective measures are necessary.

Advice on general occupational hygiene

- No information available.

7.2. - Conditions for safe storage, including any incompatibilities

- Keep container tightly closed and in a well-ventilated place.

- Keep away from heat, sparks and open flames.

7.3. - Specific end use(s)

- Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

8.2. - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Body protection: not required.

- Eye protection: not required.

- Respiratory protection: prefer the use in ventilated area.

- Ingestion : Do not eat, do not drink, do not smoke during use.

SECTION 9 - Physical and chemical properties

HDUPONT Antispread 1HO

9.1. - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	viscous
<u>Color</u>	whitish	<u>Odor</u>	characteristic
Odour threshold	No data available		
pH	No data available		
Melting point	No data available		
Freezing point	No data available		
Boiling point	100 °C		
Flash point	No data available		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	1,03		
Density	No data available		
Solubility (Water)	100 %		
Solubility (Ethanol)	No data available		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	No data available		
Log KOC - Partition coefficient: n-octanol/water	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		

9.2. - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10 - Stability and reactivity

10.1. - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2. - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4. - Conditions to avoid

- Extremely high temperatures

10.5. - Incompatible materials

HDUPONT Antispread 1HO

- No information available.

10.6. - Hazardous decomposition products

- Does not decompose when used for intended uses.
- Irritating vapors at extremely high temperatures.

SECTION 11 - Toxicological information

11.1. - Information on toxicological effects

Acute toxicity - Not classified

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Not classified

Serious eye damage/irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Not classified

Specific target organ toxicity - Repeated exposure - Not classified

Aspiration hazard - Not classified

SECTION 12 - Ecological information

12.1. - Toxicity

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

HDUPONT Antispread 1HO

12.2. - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3. - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC - Partition coefficient: n-octanol/water	No data available

- No indication of bioaccumulation potential.

12.4. - Mobility in soil

- No information available.

12.5. - Results of PBT and vPvB assessment

12.6. - Other adverse effects

- Discharge into the environment must be avoided.

SECTION 13 - Disposal considerations

13.1. - Waste treatment methods

Appropriate methods of waste treatment - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - No information available.

SECTION 14 - Transport information

14.1. - UN number

Not applicable

14.2. - UN proper shipping name

14.3. - Transport hazard class(es)

14.4. - Packing group

14.5. - Environmental hazards

14.6. - Special precautions for user

14.7. - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15 - Regulatory information

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

HDUPONT Antispread 1HO

<u>Components in the list of Reach candidates</u>	None
<u>Components in Annex XIV</u>	None
<u>Components in Annex XVII</u>	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (Index No.: 603-096-00-8 - EC No.: 203-961-6 - CAS No.: 112-34-5)
<u>VOC content</u>	No data available

15.2. - Chemical safety assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16 - Other information

SDS versions

Version No.	Date of issue	Description of the amendments
2	13-06-17	
1	24-11-15	

Texts of the regulatory sentences

Eye Irrit. 2	Eye irritation - Category 2
H319	Causes serious eye irritation
Not Classified	Not classified

*** **



Dharma Trading Co.
FIBER ART SUPPLIES & CLOTHING BLANKS SINCE 1969