

### Safety Data Sheet dated 10/12/2019, version 1

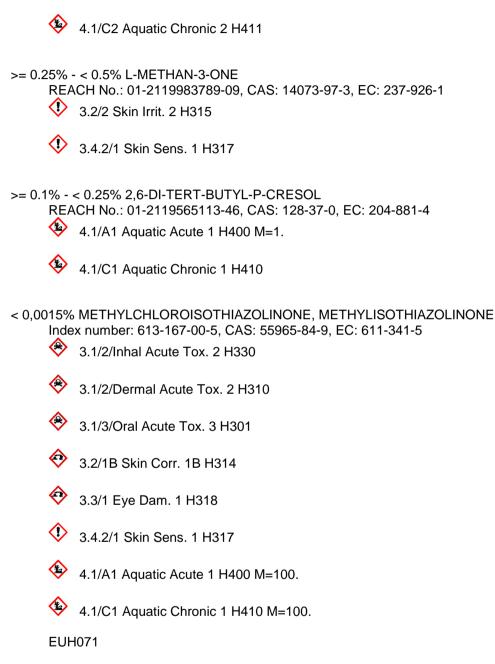
SECTION 1: Identification of the substance/mixture and of the company/underta	aking
1.1. Product identifier	
Mixture identification	
Trade name: ESSENCE WINTER	
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Recommended use:	
Air freshener for environments.	
Professional use (SU22) - Air care products (PC3)	
Uses advised against: Different uses than recommended. Do not use in combination with other products	
1.3. Details of the supplier of the safety data sheet	
Manufacturer:	
SUTTER INDUSTRIES s.p.a Società con Unico Socio	
15060 Borghetto Borbera (AL) Italia	
Tel. +39 0143 631.1	
Competent person responsible for the safety data sheet:	
regulatory.affairs@sutter.it	
1.4. Emergency telephone number	
+39 0143 631.1 mon-fri 9.00/17.00	
SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
EC regulation criteria 1272/2008 (CLP)	
Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.	
Adverse physicochemical, human health and environmental effects:	
No other hazards	
2.2. Label elements	
Hazard pictograms:	
None	
Hazard statements:	
H412 Harmful to aquatic life with long lasting effects.	
Precautionary statements: None	
Special Provisions:	
EUH210 Only for professional use. Safety data sheet available on request.	
EUH208 Contains L-METHAN-3-ONE . May produce an allergic reaction.	
EUH208 Contains METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZO	
May produce an allergic reaction.	
Special provisions according to Annex XVII of REACH and subsequent amendments:	
None	
2.3. Other hazards	
vPvB Substances: None - PBT Substances: None	
Other Hazards:	
No other hazards	
CECTION 2. Commonition finformation on in modify to	
SECTION 3: Composition/information on ingredients	
3.1. Substances	
Not Applicable, the product is a mixture.	

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### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification: >= 1% - < 3% SCENTED ESSENCES H411



### **SECTION 4: First aid measures**

4.1. Description of first aid measures
In case of skin contact: Wash with plenty of water and soap.
In case of eyes contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Until revison date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.

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

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### **SECTION 5: Firefighting measures**

- 5.1. Extinguishing media
  - Suitable extinguishing media: Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely. The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

### **SECTION 6: Accidental release measures**

- 6.1. Personal precautions, protective equipment and emergency procedures Wear personal protection equipment.
  - Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water. To converge the product in containment tanks.

- 6.4. Reference to other sections
  - See also section 8 and 13

### **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.



Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contamined clothing should be changed before entering eating areas. Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store away from sunlight. Store in a cool and well ventilated place. Do not store in open or unlabeled containers. Keep away from food, drink and feed.

Incompatible materials:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2. See section 10.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular, see paragraph 1.2

### **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

Until the revision date of this document, no experimental data are available for the mixture. elow, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

ACGIH - TWA(8h): 2 mg/m3 - Notes: (IFV), A4 - URT irr

DNEL Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

Worker Industry: 0.5 mg/kg - Consumer: 0.25 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects - Notes: bw/d

Worker Industry: 3.5 mg/m3 - Consumer: 0.86 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: bw/d

Worker Industry: 0.5 mg/kg - Consumer: 0.25 mg/kg - Exposure: Human Oral -

Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

Target: Marine water - Value: 0.0000199 mg/l

Target: Fresh Water - Value: 0.000199 mg/l

Target: Marine water sediments - Value: 0.00996 mg/kg

Target: Freshwater sediments - Value: 0.0996 mg/kg

Target: Air - Value: 0.000199 mg/l

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

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Protection for hands:

Not needed for normal use.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

The product is not flammable or explosive - see paragraph 2.1. The product contains no explosive components.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Environmental exposure controls:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 6.2.

Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

#### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Slightly opalescent liquid, colorless/yelll ow	Visual	
Odour:	Balsamic wood	Olfactory	
Odour threshold:	Evident	Olfactory	
pH:	5 +/- 1	Instrumental control	
Melting point / freezing point:	Not Relevant		Parameter not relevant for the type of product
Initial boiling point and boiling range:	>= 100 °C		Estimated value on chemical / physical properties of components
Flash point:	> 60 ° C		Estimated value on chemical / physical properties of components
Evaporation rate:	Not Relevant		Parameter not relevant for the type of product
Solid/gas flammability:	Not Relevant		Parameter not relevant for the type of product
Upper/lower flammability or explosive limits:	Not Relevant		Parameter not relevant for the type of product
Vapour pressure:	Not Relevant		Parameter not relevant for the type of product
Vapour density:	Not Relevant		Parameter not relevant for the type of product
Relative density:	1.015 g/ml	Instrumental control	
Solubility in water:	Total		Internal tests
Solubility in oil:	Partial		Internal tests



Partition coefficient (n-octanol/water):	< 1000	 Value estimated based on the solubility of the mixture.
Auto-ignition temperature:	Not Relevant	 Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	 Parameter not relevant for the type of product
Viscosity:	< 10 cP	 Estimated indicative value. Not viscous mixture.
Explosive properties:	Not Relevant	 Parameter not relevant for product composition.
Oxidizing properties:	Not Relevant	 Parameter not relevant for product composition.

#### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant		Parameter not relevant for the type of product
Fat Solubility:	Not Relevant		Parameter not relevant for the type of product
Conductivity:	Not Relevant		Parameter not relevant for the type of product
Substance Groups relevant properties	Not Relevant		Parameter not relevant for the type of product

### **SECTION 10: Stability and reactivity**

10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

- 10.2. Chemical stability Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.
- 10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. See also scetion 7.2.

- 10.4. Conditions to avoid Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2
- 10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

10.6. Hazardous decomposition products Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### **SECTION 11: Toxicological information**

11.1. Information on toxicological effects Toxicological information of the product: ESSENCE WINTER a) acute toxicity

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Not classified Based on available data, the classification criteria are not met b) skin corrosion/irritation Not classified Based on available data, the classification criteria are not met c) serious eye damage/irritation Not classified Based on available data, the classification criteria are not met d) respiratory or skin sensitisation Not classified Based on available data, the classification criteria are not met e) germ cell mutagenicity Not classified Based on available data, the classification criteria are not met f) carcinogenicity Not classified Based on available data, the classification criteria are not met g) reproductive toxicity Not classified Based on available data, the classification criteria are not met h) STOT-single exposure Not classified Based on available data, the classification criteria are not met i) STOT-repeated exposure Not classified Based on available data, the classification criteria are not met i) aspiration hazard Not classified Based on available data, the classification criteria are not met Toxicological information of the main substances found in the product: Below are reported, if available, the toxicological information of the components listed in paragraph 3.2. 2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0 a) acute toxicity: Test: LD50 - Route: Oral - Species: Rat > 2930 mg/kg - Source: OECD 401 Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402 b) skin corrosion/irritation: Test: Skin Irritant Negative c) serious eye damage/irritation: Test: Eve Irritant Negative d) respiratory or skin sensitisation: Test: Skin or Resp. Sensitization Negative e) germ cell mutagenicity: Test: Mutagenesis Negative f) carcinogenicity: Test: Carcinogenicity Negative g) reproductive toxicity: Test: NOAEL - Route: Oral - Species: Mouse = 100 mg/kg bw/d i) STOT-repeated exposure: Test: NOAEL - Species: Rat = 25 mg/kg bw/d - Notes: digestive, urogenital, glandular METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE - CAS: 55965-84-9 a) acute toxicity: Test: LC50 - Route: Inhalation Dust - Species: Rat = 0.31 mg/l - Duration: 4h b) skin corrosion/irritation: Test: Skin Corrosive - Route: Skin Positive

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c) serious eye damage/irritation:

- Test: Eye Corrosive Positive
- d) respiratory or skin sensitisation:
  - Test: Skin Sensitization Route: Skin Positive

### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

ESSENCE WINTER

The product is classified: Aquatic Chronic 3 - H412

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.199 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 0.48 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 0.758 mg/l - Duration h: 72

Endpoint: NOEC - Species: Daphnia = 0.15 mg/l

METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAŽOLINONE - CAS: 55965-84-9

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.19 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Daphnia = 0.16 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 0.018 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum

### 12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

Biodegradability: Non-readily biodegradable

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

```
2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0
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Bioaccumulation: Not bioaccumulative - Test: Log Pow - Partition coefficient 5.1 Bioaccumulation: Not bioaccumulative - Test: BCF - Bioconcentrantion factor 598.4 -Notes: EPI-Suite, BCFWIN v2.17

12.4. Mobility in soil

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

- Not applicable
- 12.5. Results of PBT and vPvB assessment vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects

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Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

#### **SECTION 13: Disposal considerations**

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains. See also section 6.

### **SECTION 14: Transport information**

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

- 14.2. UN proper shipping name Not applicable
- 14.3. Transport hazard class(es) Not applicable
- 14.4. Packing group Not applicable
- 14.5. Environmental hazards ADR-Enviromental Pollutant: No IMDG-Marine pollutant: No
- 14.6. Special precautions for user Not applicable
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable

#### **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) 2015/830 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: None Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III) Regulation (EC) nr 648/2004 (detergents). Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

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Seveso III category according to Annex 1, part 1 None

15.2. Chemical safety assessment

No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out: None

#### **SECTION 16: Other information**

Full text of phrases referred to in Section 3:

H411 Toxic to aquatic life with long lasting effects.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H330 Fatal if inhaled.
H310 Fatal in contact with skin.
H301 Toxic if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Acute Tox. 2	3.1/2/Dermal	Acute toxicity (dermal), Category 2
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

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The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EC0/10/20/50/ 100:	Effective concentration, for 0/10/20/50/100 percent of test population.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of
	Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport
	Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization"
	(ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
	Lethal concentration, for 0/10/20/50/100 percent of test population.
100:	F
LD0/10/20/50/	Lethal dose, for 0/10/20/50/100 percent of test population.
100:	F
NOEC:	No Observed Effect Concentration
NOAEL(R)/N	No Observed Adverse Effect Level(Repeated)/Concentration
OAEC:	
OECD:	Organisation for Economic Co-operation and Development
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods
	by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.



ANNEX I

PROFESSIONAL PRODUCT TRIGGER – AIR FRESHENER

Title of exposure scenario			
Air freshener: Manual process			
Use <u>description</u>			
Sector Use	SU22 – Professional use		
Product Category	PC3 – Air care products		
Description of activities/process considered on exposure	scenario.		
Use following the use instruction as specified on the label.			
Frequency and duration			
Use phase	2/4 times a day, depending on the room size and		
	condition.		
Relevant limit values of ingredients, if available, are stated	in section 8 of the SDS.		
Physical appearence and concentration			
Liquid, ready to use.			
In section 2 of the SDS of product and on the label the clas			
Mixture classification is based on ingredients classification	and on chemical/physical properties stated in section 9		
of the SDS of product.			
Use conditions			
Room temperature			
Good general ventilation at workplace is sufficient.			
Do not damage or puncture the container. Follow instruction	on specified on the label or on SDS for storage and		
disposal consideration.			
Protection			
Avoid spray inhalation.	Training of workers to use and maintaneous of DDE is		
See section 8 of the SDS of product to more information on PPE.	Training of worker to use and maintenance of PPE is supposed.		
Don't eat or drink, don't smoke.	Avoid contact with damaged skin.		
No open flame.	Do not use in combination with other products		
Wash hand after use.			
In case of accidental release: dilute with water and dry.			
See section 6 of the SDS in case of accidental release			
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as			
specified in section 7 on the SDS.			
Environmental measures			
See section 6 of the SDS in case of accidental release			
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.			
See section 13 of the SDS for disposal considerations.			

Note:

SDS: Safety Data Sheet

**PPE:** Personal Protection Equipment