

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : SketchPaint A  
Revision date : 24-06-2020  
Print date : 24-06-2020

Version (Revision) : 4.0.0 (3.0.0)

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

### 1.1 Product identifier

SketchPaint A (SK-HAR-B)

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

#### Relevant identified uses

##### Products Category [PC]

Dye

##### Process categories [PROC]

Manual activities involving hand contact

Professional

Private

Roller application or brushing

Non industrial spraying

### 1.3 Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

MagPaint Europe B.V.

Street : Riezenweg 2

Postal code/city : 7071 PR Uft

Telephone : 0315 386 473

### 1.4 Emergency telephone number

0315 386 473

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Acute Tox. 4 ; H332 - Acute toxicity (inhalative) : Category 4 ; Harmful if inhaled.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

Repr. 2 ; H361 - Reproductive toxicity : Category 2 ; Suspected of damaging fertility or the unborn child.

STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

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

##### Hazard pictograms



Health hazard (GHS08) · Corrosion (GHS05) · Exclamation mark (GHS07)

##### Signal word

Danger

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### Hazard components for labelling

Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2  
1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0  
Polyoxyethylene tridecyl ether phosphate ; CAS No. : 9046-01-9  
HEXAMETHYLENE-DI-ISOCYANATE ; CAS No. : 822-06-0

### Hazard statements

H361 Suspected of damaging fertility or the unborn child.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P310 Immediately call a POISON CENTER/doctor/....  
P321 Specific treatment (see ... on this label).  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

### Special rules for supplemental label elements for certain mixtures

EUH204 Contains isocyanates. May produce an allergic reaction.

### 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

Hexamethylene diisocyanate oligomers ; REACH No. : 01-2119485796-17-0002 ; EC No. : 931-274-8 ; CAS No. : 28182-81-2

Weight fraction :  $\geq 65 - < 70$  %  
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H332 Skin Sens. 1 ; H317 STOT SE 3 ; H335

1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; EC No. : 229-934-9 ; CAS No. : 6846-50-0

Weight fraction :  $\geq 30 - < 35$  %  
Classification 1272/2008 [CLP] : Repr. 2 ; H361 Aquatic Chronic 3 ; H412

Polyoxyethylene tridecyl ether phosphate ; CAS No. : 9046-01-9

Weight fraction :  $\geq 1 - < 2,5$  %  
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 Aquatic Chronic 2 ; H411

ethyldiisopropylamine ; CAS No. : 7087-68-5

Weight fraction :  $\geq 1 - < 3$  %  
Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Acute Tox. 3 ; H331 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 STOT SE 3 ; H335

HEXAMETHYLENE-DI-ISOCYANATE ; EC No. : 212-485-8 ; CAS No. : 822-06-0

Weight fraction :  $\geq 0,05 - < 0,5$  %  
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H331 Resp. Sens. 1 ; H334 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

#### Additional information

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

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water. In case of skin irritation, consult a physician.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Water Foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>)

### 5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### 5.4 Additional information

Do not inhale explosion and combustion gases. Do not allow run-off from fire-fighting to enter drains or water courses. Remove heat to avoid pressure rise.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8).

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Consult the appropriate authorities about waste disposal.

### 6.3 Methods and material for containment and cleaning up

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

### 6.4 Reference to other sections

SECTION 8: Exposure controls/personal protection Disposal: see section 13

## SECTION 7: Handling and storage

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## 7.1 Precautions for safe handling

### Protective measures

Wear personal protection equipment (refer to section 8). Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Recommended storage temperature Keep away from UV-radiation/sunlight Avoid: Frostbite

## 7.3 Specific end use(s)

### Recommendation

Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2

Limit value type (country of origin) : STEL ( EC )

Limit value : 1 mg/m<sup>3</sup>

Version :

### 8.2 Exposure controls

#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

#### Personal protection equipment

Eye glasses with side protection DIN EN 166

#### Skin protection

##### Hand protection

Breakthrough time (maximum wearing time) Thickness of the glove material Suitable material NBR (Nitrile rubber)

**By short-term hand contact** : In the case of wanting to use the gloves again, clean them before taking off and air them well.

**Suitable material** : NBR (Nitrile rubber)

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Odour characteristic Odour threshold No data available

**Appearance** : Liquid

**Colour** : transparent

**Odour** : characteristic

#### Safety characteristics

**Freezing point** : ( 1013 hPa ) not determined

**Initial boiling point and boiling range** : ( 1013 hPa ) not determined

**Decomposition temperature** : ( 1013 hPa ) not determined

**Flash point** : not relevant

**Auto-ignition temperature** : not relevant

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Lower explosion limit :		not relevant	
Upper explosion limit :		not relevant	
Vapour pressure :	( 50 °C )	not determined	
Density :	( 20 °C )	1,1	g/cm <sup>3</sup>
Solvent separation test :	( 20 °C )	not determined	
Water solubility :	( 20 °C )	not determined	
pH :		not relevant	
log P O/W :		not determined	
Flow time :	( 20 °C )	not determined	DIN-cup 4 mm
Viscosity :	( 20 °C )	No data available	
Odour threshold :		not determined	
Evaporation rate :		not determined	
Oxidising liquids :	Not relevant.		
Explosive properties :	Not relevant.		

## 9.2 Other information

None

## 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 mixture is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Acute oral toxicity

Parameter :	LD50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )
Exposure route :	Oral
Species :	Rat
Effective dose :	959 mg/kg
Method :	OECD 401
Parameter :	LD0 ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )
Exposure route :	Oral
Species :	Rat
Effective dose :	2000 mg/kg
Method :	OECD 425
Parameter :	LD50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )

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Exposure route : Oral  
Species : Rat  
Effective dose : 317 mg/kg  
Method : 92/69/EEC- B.1  
Parameter : LD50 ( HEXAMETHYLENE-DI-ISOCYANATE ; CAS No. : 822-06-0 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 710 mg/kg

### Acute dermal toxicity

Parameter : LD50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Exposure route : Dermal  
Species : Rat  
Effective dose : > 7000 mg/kg  
Method : OECD 402  
Parameter : LD0 ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 2000 mg/kg  
Method : OECD 402  
Parameter : LD50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Exposure route : Dermal  
Species : Rat  
Effective dose : > 200 mg/kg  
Method : OECD 402  
Parameter : LD50 ( HEXAMETHYLENE-DI-ISOCYANATE ; CAS No. : 822-06-0 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 570 mg/kg

### Acute inhalation toxicity

Parameter : LC50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 0,124 mg/l  
Exposure time : 4 h  
Method : OECD 403  
Parameter : LCLo ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 5,3 mg/l  
Parameter : LC50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 2,63 mg/l  
Method : OECD 403  
Parameter : LC50 ( HEXAMETHYLENE-DI-ISOCYANATE ; CAS No. : 822-06-0 )  
Exposure route : Inhalation  
Species : Mouse  
Effective dose : 1570 mg/m<sup>3</sup>

### Corrosion

#### Skin corrosion/irritation

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**Parameter :** Skin corrosion/irritation ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
**Species :** Rabbit  
**Result :** Not an irritant  
**Method :** OECD 404

#### Serious eye damage/eye irritation

**Parameter :** Serious eye damage/eye irritation ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
**Species :** Rabbit  
**Result :** Not an irritant  
**Method :** OECD 405

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### Repeated dose toxicity (subacute, subchronic, chronic)

##### Subacute inhalation toxicity

**Parameter :** NOAEC ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
**Exposure route :** Inhalation  
**Species :** Rat  
**Effective dose :** 3 mg/m<sup>3</sup>  
**Exposure time :** 6 h  
**Method :** OECD TG 403

**Parameter :** NOAEL(C) ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
**Exposure route :** Inhalation  
**Species :** Rat  
**Effective dose :** 3,3 mg/l/6uur/dag  
**Exposure time :** 90 D  
**Method :** OECD 413

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

#### 11.2 Toxicokinetics, metabolism and distribution

No data available

#### 11.4 Other adverse effects

There are no data available on the preparation/mixture itself.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

##### Acute (short-term) fish toxicity

**Parameter :** LC50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
**Species :** Brachydanio rerio (zebra-fish)  
**Effective dose :** 8,9 mg/l  
**Parameter :** LC50 ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
**Species :** Lepomis macrochirus (Bluegill)  
**Evaluation parameter :** Chronic (long-term) fish toxicity  
**Effective dose :** > 6 mg/l  
**Exposure time :** 96 h  
**Method :** OECD 203  
**Parameter :** LC50 ( Polyoxyethylene tridecyl ether phosphate ; CAS No. : 9046-01-9 )

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Species : Brachydanio rerio (zebra-fish)  
Effective dose : 10 mg/l  
Exposure time : 96 h  
Parameter : EC50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Species : Brachydanio rerio (zebra-fish)  
Effective dose : > 69,7 mg/l  
Exposure time : 96 h  
Method : OECD 203

#### Acute (short-term) toxicity to crustacea

Parameter : EC50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Species : Acute (short-term) toxicity to crustacea  
Effective dose : 127 mg/l  
Exposure time : 48 h  
Method : EU C.2  
Parameter : EC50 ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Species : Daphnia magna (Big water flea)  
Effective dose : > 1,46 mg/l  
Exposure time : 48 h  
Method : Regulation (EC) No. 440/2008, Annex, C.2  
Parameter : EC50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 28,1 mg/l  
Exposure time : 48 h  
Method : OECD 202

#### Chronic (long-term) toxicity to crustacea

Parameter : NOEC ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 0,7 mg/l  
Exposure time : 21 D  
Method : OECD 211

#### Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter : ErC50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Species : Desmodesmus subspicatus  
Effective dose : > 1000 mg/l  
Method : EU method C.3  
Parameter : ErC50 ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Species : Pseudokirchneriella subcapitata  
Effective dose : > 7,49 mg/l  
Exposure time : 72 h  
Method : OECD 201  
Parameter : EC50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Species : Pseudokirchneriella subcapitata  
Effective dose : 150 mg/l  
Exposure time : 72 h  
Method : OECD 201

#### Toxicity to other aquatic plants/organisms

Parameter : EC50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Species : Scenedesmus subspicatus  
Effective dose : > 1000 mg/l



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Exposure time : 72 h  
Method : DIN 38412 / part 15

## Toxicity to microorganisms

Parameter : EC50 ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Species : Activated Sludge  
Effective dose : 3828 mg/l  
Exposure time : 3 h  
Method : OECD 209  
Parameter : EC50 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Species : Activated Sludge  
Effective dose : 912 mg/l  
Exposure time : 3 h  
Method : OECD 209  
Parameter : EC20 ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Species : Activated Sludge  
Effective dose : > 1000 mg/l  
Exposure time : 30 min  
Method : DIN EN ISO 8192

## 12.2 Persistence and degradability

The single components are biodegradable.

### Biodegradation

Parameter : Biodegradation ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Inoculum : Biodegradation  
Evaluation : Not readily biodegradable (according to OECD criteria)  
Method : Biodegradation  
Parameter : BOD (% of COD) ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Degradation rate : 1 %  
Parameter : BiAS-decrease ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Inoculum : Degree of elimination  
Degradation rate : 71 %  
Test duration : 28 D  
Method : OECD 301B  
Parameter : BOD (% of COD) ( Polyoxyethylene tridecyl ether phosphate ; CAS No. : 9046-01-9 )  
Inoculum : Degree of elimination  
Degradation rate : 45 %  
Test duration : 28 D  
Method : OECD 301B  
Parameter : BOD (% of COD) ( Polyoxyethylene tridecyl ether phosphate ; CAS No. : 9046-01-9 )  
Inoculum : Degree of elimination  
Degradation rate : 83 %  
Test duration : 28 D  
Method : OECD 302B  
Parameter : BOD (% of COD) ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Inoculum : Degree of elimination  
Degradation rate : 0 - 10 %  
Test duration : 28 D  
Method : OECD 301F  
Parameter : DOC reduction ( ethyldiisopropylamine ; CAS No. : 7087-68-5 )  
Inoculum : Degree of elimination  
Degradation rate : 10 - 20 %

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Test duration : 28 D

### 12.3 Bioaccumulative potential

Parameter : Bioconcentration factor (BCF) ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Bioconcentration factor (BCF)  
Value : 3,2  
Method : BCFWIN v. 2.17  
Parameter : Bioconcentration factor (BCF) ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Value : 2,69  
Parameter : Log KOW ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Mobility in soil  
Value : 3,77  
Method : PCKOC v1.66  
Parameter : Log KOW ( 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE ; CAS No. : 6846-50-0 )  
Value : 3,51

Mixture not tested.

### 12.4 Mobility in soil

No data available

#### Adsorption

Parameter : Ecologie - bodem ( Hexamethylene diisocyanate oligomers ; CAS No. : 28182-81-2 )  
Inoculum : Ultimate environmental compartment of the product:  
Evaluation parameter : Soil and sediments

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Dispose according to legislation.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

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### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

#### EU legislation

##### Authorisations and/or restrictions on use

##### Restrictions on use

Use restriction according to REACH annex XVII, no. : 3

### 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients

### 16.2 Abbreviations and acronyms

a.i. = Active ingredient  
ACGIH = American Conference of Governmental Industrial Hygienists (US)  
ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
AFFF = Aqueous Film Forming Foam  
AISE = International Association for Soaps, Detergents and Maintenance Products (joint project of AISE and CEFIC)  
AOAC = AOAC International (formerly Association of Official Analytical Chemists)  
aq. = Aqueous  
ASTM = American Society of Testing and Materials (US)  
atm = Atmosphere(s)  
B.V. = Beperkt Vennootschap (Limited)  
BCF = Bioconcentration Factor  
bp = Boiling point at stated pressure  
bw = Body weight  
ca = (Circa) about  
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)  
CEFIC = European Chemical Industry Council (established 1972)  
CIPAC = Collaborative International Pesticides Analytical Council  
CLP = REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Conc = Concentration  
cP = CentiPoise  
cSt = Centistokes  
d = Day(s)  
DIN = Deutsches Institut für Normung e.V.  
DNEL = Derived No-Effect Level  
DT50 = Time for 50% loss; half-life  
EbC50 = Median effective concentration (biomass, e.g. of algae)  
EC = European Community; European Commission  
EC50 = Median effective concentration  
EINECS = European Inventory of Existing Commercial Chemical Substances (EU, outdated, now replaced by EC Number)  
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)

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ErC50 = Median effective concentration (growth rate, e.g. of algae)  
EU = European Union  
EWC = European Waste Catalogue  
FAO = Food and Agriculture Organization (United Nations)  
GIFAP = Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques (now CropLife International)  
h = Hour(s)  
hPa = HectoPascal (unit of pressure)  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IC50 = Concentration that produces 50% inhibition  
IMDG Code = International Maritime Dangerous Goods Code  
IMO = International Maritime Organization  
ISO = International Organization for Standardization  
IUCLID = International Uniform Chemical Information Database  
IUPAC = International Union of Pure and Applied Chemistry  
kg = Kilogram  
Kow = Distribution coefficient between n-octanol and water  
kPa = KiloPascal (unit of pressure)  
LC50 = Concentration required to kill 50% of test organisms  
LD50 = Dose required to kill 50% of test organisms  
LEL = Lower Explosive Limit/Lower Explosion Limit  
LOAEL = Lowest observed adverse effect level  
mg = Milligram  
min = Minute(s)  
ml = Milliliter  
mmHg = Pressure equivalent to 1 mm of mercury (133.3 Pa)  
mp = Melting point  
MRL = Maximum Residue Limit  
MSDS = Material Safety Data Sheet  
n.o.s. = Not Otherwise Specified  
NIOSH = National Institute for Occupational Safety and Health (US)  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
NOx = Oxides of Nitrogen  
OECD = Organization for Economic Cooperation and Development  
OEL = Occupational Exposure Limits  
Pa = Pascal (unit of pressure)  
PBT = Persistent, Bioaccumulative or Toxic  
pH = -log<sub>10</sub> hydrogen ion concentration  
pKa = -log<sub>10</sub> acid dissociation constant  
PNEC = Previsible Non Effect Concentration  
POPs = Persistent Organic Pollutants  
ppb = Parts per billion  
PPE = Personal Protection Equipment  
ppm = Parts per million  
ppt = Parts per trillion  
PVC = Polyvinyl Chloride  
QSAR = Quantitative Structure-Activity Relationship  
REACH = Registration, Evaluation and Authorization of Chemicals (EU, see NCP)  
SI = International System of Units  
STEL = Short-Term Exposure Limit  
tech. = Technical grade  
TSCA = Toxic Substances Control Act (US)  
TWA = Time-Weighted Average

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** SketchPaint A  
**Revision date :** 24-06-2020  
**Print date :** 24-06-2020

**Version (Revision) :** 4.0.0 (3.0.0)

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vPvB = Very Persistent and Very Bioaccumulative  
WHO = World Health Organization = OMS  
y = Year(s)

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### 16.6 Training advice

None

### 16.7 Additional information

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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