

# Safety Data Sheet

## 2D132 PASTE RED - TRANSPARENT OX



Safety Data Sheet dated 1/8/2023, version 1

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

- 1.1. Product identifier  
Mixture identification:  
Trade code and name: 2D132 PASTE RED - TRANSPARENT OX
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Pigment paste for industrial painting.  
Only for professional use.  
For industrial application. Not for autobody shop use.
- 1.3. Details of the supplier of the safety data sheet  
Company:  
Industria Chimica Reggiana I.C.R. Spa  
(subject to management and coordination by sole shareholder company PPG Industries Inc.)  
Via Gasparini, 7 42124 REGGIO EMILIA Italia  
Tel. +39 0522/517803 Fax +39 0522/514384
- Distributed in the UK by:  
PPG Refinish Distribution  
Needham Road, Stowmarket, IP14 2ZR  
Tel: 0800 015 1717
- Competent person responsible for the safety data sheet:  
sdsre@icrsprint.it
- 1.4. Emergency telephone number  
UK :Tel. +39 0522-517803 or NHS 111 - dial 111  
Republic of Ireland: Tel. 018092166

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture  
EC regulation criteria 1272/2008 (CLP)
- ⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.
  - ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
  - ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- Adverse physicochemical, human health and environmental effects:  
No other hazards

- 2.2. Label elements  
Hazard pictograms:



Warning

Hazard statements:

- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing vapours or spray.
- P280 Wear protective gloves/clothing and eye/face protection.
- P312 Call a doctor if you feel unwell.
- P370+P378 In case of fire, use a dry powder, foam, CO2 fire extinguisher to extinguish.
- P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

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None

Contains

2-methoxy-1-methylethyl acetate  
Diacetone alcohol

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

No other hazards

### SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
$\geq 40\%$ - $< 50\%$	2-methoxy-1-methylethyl acetate	Index number: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 REACH No.: 01-2119475791-29	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336
$\geq 3\%$ - $< 5\%$	Polymer based on Polyethyleneimine-Polyester-Fattyacid	CAS: 1309457-61-1	4.1/C3 Aquatic Chronic 3 H412
$\geq 1\%$ - $< 3\%$	Diacetone alcohol	Index number: 603-016-00-1 CAS: 123-42-2 EC: 204-626-7 REACH No.: 01-2119473975-21	3.7/2 Repr. 2 H361d 3.8/3 STOT SE 3 H336 3.3/2 Eye Irrit. 2 H319
$\geq 1\%$ - $< 3\%$	reaction mass of: 2-(9-methyl-1,3,8,10-tetraoxo-2,3,9,10-tetrahydro-(1H,8H)-anthra[2,1,9-def: 6,5,10-d'e'f']diisoquinolin-2-ylethansulfonic acid; potassium 2-(9-methyl-1,3,8,10-tetraoxo-2,3,9,10-tetrahydro-(1H,8H)-anthra[2,1,9-def: 6,5,10-d'e'f']diisoqui	Index number: 616-077-00-4 EC: 411-310-4	3.3/1 Eye Dam. 1 H318

All component substances of this product have been registered under REACH or are exempt from REACH registration.

Substances in Section 3 not showing REACH registration codes are exempt from registration.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. If irritation persists: Get medical advice/attention.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for at least 15 minutes, then consult a medic immediately.

Protect uninjured eye.

In case of Ingestion:

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

In case of Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

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

See section 11 for known symptoms and effects.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

In case of fire, use a dry powder, foam, CO2 fire extinguisher to extinguish.

Extinguishing media which must not be used for safety reasons:

Do not use water jets. Water may not be effective fire fighting measure, however it can be used to cool closed

containers close to flames as to avoid bursting and exploding.

None in particular.

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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke. Carbon oxides.

#### 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.

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### SECTION 6: Accidental release measures

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

Wear personal protection equipment.

Remove all sources of ignition.

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

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- 6.3. Methods and material for containment and cleaning up  
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.
- 6.4. Reference to other sections  
See also section 8 and 13

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### 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.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities  
Always keep in a well ventilated place.  
Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.  
Keep away from food, drink and feed.  
None in particular.  
Instructions as regards storage premises:  
Cool and adequately ventilated.
- 7.3. Specific end use(s)  
See Point 1.2.

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### SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters  
2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
Italy - TWA(8h): 275 mg/m<sup>3</sup>, 50 ppm - STEL: 550 mg/m<sup>3</sup>, 100 ppm - Notes: H  
EU - TWA(8h): 275 mg/m<sup>3</sup>, 50 ppm - STEL: 550 mg/m<sup>3</sup>, 100 ppm - Notes: Skin  
Diacetone alcohol - CAS: 123-42-2  
ACGIH - TWA(8h): 50 ppm - Notes: URT and eye irr
- DNEL Exposure Limit Values  
2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
Worker Professional: 153.5 mg/kg - Consumer: 320 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects  
Worker Professional: 275 mg/m<sup>3</sup> - Consumer: 33 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Consumer: 36 mg/kg/day - Exposure: Human Oral - Frequency: Long Term (repeated)  
Worker Professional: 550 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects  
Worker Professional: 796 mg/kg/day - Consumer: 320 mg/kg - Exposure: Human Dermal - Frequency: Long Term (repeated)
- Diacetone alcohol - CAS: 123-42-2  
Worker Professional: 467 mg/kg bw/d - Consumer: 167 mg/kg bw/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 32.6 mg/m<sup>3</sup> - Consumer: 5.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Worker Professional: 1.67 mg/m<sup>3</sup> - Consumer: 1.67 mg/kg bw/d - Exposure: Human Oral - Frequency: Long Term, systemic effects  
Worker Professional: 240 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects
- PNEC Exposure Limit Values  
2-methoxy-1-methylethyl acetate - CAS: 108-65-6

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Target: Intermittent emissions - Value: 100 mg/l  
 Target: Freshwater sediments - Value: 3.29 mg/kg  
 Target: Marine water sediments - Value: 0.329 mg/kg  
 Target: Soil - Value: 0.29 mg/kg  
 Target: Fresh Water - Value: 0.635 mg/l  
 Target: Marine water - Value: 0.0635 mg/l  
 Target: 14 - Value: 6.35 mg/l  
 Target: Purification plant - Value: 100 mg/l  
 Diacetone alcohol - CAS: 123-42-2  
 Target: Freshwater sediments - Value: 7.4 mg/kg  
 Target: Marine water sediments - Value: 0.74 mg/kg  
 Target: Soil - Value: 0.31 mg/kg  
 Target: Fresh Water - Value: 2 mg/l  
 Target: Marine water - Value: 0.2 mg/l  
 Target: Intermittent emissions - Value: 1 mg/l  
 Target: Purification plant - Value: 82 mg/l  
 Target: STP - Value: 10 mg/l

### 8.2. Exposure controls

#### Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

#### Protection for skin:

Wear safety clothing that ensure full skin protection in accordance to EN 14605 Type 4 in case of spills or spray (e.g. Tyrek). Please note: safety clothing must be changed immediately if it comes in contact with product.

#### Protection for hands:

Use protective gloves that provides comprehensive protection, EN374 Class 3 (B-F-I).  
 Permeation time > 60 minutes; 0.4 mm thickness.

#### Respiratory protection:

Use adequate protective respiratory devices, using Filter "A" (Brown colour) for organic gas and vapors with boiling points over 65°C.

#### Thermal Hazards:

None

#### Environmental exposure controls:

Emissions from ventilation systems or from work processes must be check as to ensure compliance to environmental protection legislation. In some cases the addition of vapour scrubbers, filters or other system modification may be necessary in order to reduce emissions to acceptable levels.

#### Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Red	--	--
Odour:	Typical of solvent	--	--
Odour threshold:	N.D.	--	--
Melting point/freezing point:	N.D.	--	--
Boiling point or initial boiling point and boiling	143 °C	--	--

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range:			
Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.D.	--	--
Flash point:	45 °C	--	--
Auto-ignition temperature:	333 °C	--	--
Decomposition temperature:	N.D.	--	--
pH:	Not Relevant	--	--
Kinematic viscosity:	> 20,5 mm <sup>2</sup> / sec (40 °C)	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	N.D.	--	--
Partition coefficient n-octanol/water (log value):		--	--
Vapour pressure:	3.55 hPa	--	--
Density and/or relative density:	1.090 ±0.050 g/cm <sup>3</sup>	--	--
Relative vapour density:	4.6 (air=1)	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	N.D.	--	--
Evaporation rate:	N.D.	--	--
Viscosity:	> 20.5 mm <sup>2</sup> /s (40 °C)	--	--
Oxidizing properties:	N.D.	--	--

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under recommended use and storage conditions (see point 7).

### 10.3. Possibility of hazardous reactions

None

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- 10.4. Conditions to avoid  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid accumulating electrostatic charge.  
Stable under normal conditions.
- 10.5. Incompatible materials  
Avoid contact with combustible materials. The product could catch fire.
- 10.6. Hazardous decomposition products  
None.

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### SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 2000 ppm - Duration: 3h

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/l

Diacetone alcohol - CAS: 123-42-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3 g/kg

Test: LD50 - Route: Skin - Species: Rabbit = 13.75 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 2 ml/kg

Test: LC50 - Route: Inhalation - Species: Rat = 7.6 mg/l - Duration: 4h

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq$  0.1%

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### SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336

Endpoint: NOEC - Species: Daphnia > 100 mg/l - Duration h: 504

Endpoint: NOEC - Species: Algae > 1000 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish = 100 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia = 408 mg/l - Duration h: 48

Diacetone alcohol - CAS: 123-42-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72

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Endpoint: NOEC - Species: Daphnia = 100 mg/l - Duration h: 504

Endpoint: NOEC - Species: Algae = 1000 mg/l - Duration h: 72

### 12.2. Persistence and degradability

Non-readily biodegradable

### 12.3. Bioaccumulative potential

Not bioaccumulative

### 12.4. Mobility in soil

Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a significant amount may penetrate and pollute water table.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

### 12.7. Other adverse effects

None

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force. DO NOT discharge into sewers, watercourses, ponds, canals or ditches. Empty product containers must be completely drained and stored safely until appropriately processes or disposed. Empty containers must be recycled, recovered or disposed of by a qualified and authorized company operating in compliance with current recycling, recovery and disposal regulations. It is advisable to provide the desposal company with all safety information of the material contained in the empty packaging. DO NOT pressurize, DO NOT cut, DO NOT weld, DO NOT puncture, DO NOT crush, DO NOT expose empty containers to heat, flames, sparks, electrostatic discharge or other sources of ignition.

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## SECTION 14: Transport information



### 14.1. UN number or ID number

ADR-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

### 14.2. UN proper shipping name

ADR-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

### 14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

### 14.4. Packing group

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

### 14.5. Environmental hazards

ADR-Environmental Pollutant: No



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IMDG-Marine pollutant:	No
IMDG-EmS:	F-E , S-E
14.6. Special precautions for user	
ADR-Subsidiary hazards:	-
ADR-S.P.:	163 367 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-
14.7. Maritime transport in bulk according to IMO instruments	
N.A.	

### 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) n. 2020/878
  - 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)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)
  - Regulation (EU) n. 2018/669 (ATP 11 CLP)
  - Regulation (EU) n. 2018/1480 (ATP 13 CLP)
  - Regulation (EU) n. 2019/521 (ATP 12 CLP)
  - Regulation (EU) n. 2020/217 (ATP 14 CLP)
  - Regulation (EU) n. 2020/1182 (ATP 15 CLP)
  - Regulation (EU) n. 2021/643 (ATP 16 CLP)
  - Regulation (EU) n. 2021/849 (ATP 17 CLP)
  - Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 75

Volatile Organic compounds - VOCs =455.00 g/Kg= 495.95 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.25

Dry weight (% wt):54.50

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)

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Provisions related to directive EU 2012/18 (Seveso III):  
Seveso III category according to Annex 1, part 1  
Product belongs to category: P5c

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

### SECTION 16: Other information

Full text of phrases referred to in Section 3:  
H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.  
H361d Suspected of damaging the unborn child.  
H319 Causes serious eye irritation.  
H318 Causes serious eye damage.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.  
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
Flam. Liq. 3, H226	On basis of test data
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	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

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.

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This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not available
N.D.:	Not determined.
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