

SAFETY DATA SHEET

Product Name: Qotec Thinner
Product Code: QT2KT
Date of issue/Date of revision: 1 March 2021



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

1.1 Product identifier

Product name : Qotec NanoClear+ Thinner
Product code : Q2KNCT
Other means of identification : Not available

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

Product use : Professional applications, used for spraying
Product Categories [PC] : PC9 - Coatings and paints, fillers, putties, thinners
: PC35 - Washing and cleaning products (including solvent based products)

1.3 Details of the supplier of the safety data sheet

Qotec Nano Coatings BV
Nijverheidsweg 7
4731 CZ Oudenbosch
Netherlands
Telephone: +31 (0)165 315 350
Email: info@qotec.nl

1.4 Email address of person responsible for this SDS

info@Qotec.nl

1.5 Emergency telephone number supplier

Telephone: +31 (0)165 315 350

Conforms to Regulation (EC) No 1907/2006 (REACH), Annex II, As amended by
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SECTION 2: Hazards identification

2 Classification of the substance or mixture

Product definition : Mixture

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

Flam. Liq. 3, H226

Acute Tox. 4, H332

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H335

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazards Pictograms :



Signal word

Warning

Hazard statements

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Flammable liquid and vapour.
Harmful if inhaled.
Causes serious eye irritation.
Causes skin irritation.
May cause respiratory irritation.

Precautionary statements

Prevention

Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapour.

Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Not applicable.

P280, P210, P261, P304 + P340, P305 + P351 + P338, P403, P235

Hazardous ingredients

5-methylhexan-2-one

4-methylpentan-2-one

Supplemental label elements

Not applicable.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings

Not applicable.

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Tactile warning of danger

Not applicable.

2.3 Other hazards

Other hazards which do not result in classification

Prolonged or repeated contact may dry skin and cause irritation.

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SECTION 3: Composition/information in ingredients

3.2 Chemical Characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous ingredients

5-methylhexan-2-one REACH #: 01-2119472300-51 EC: 203-737-8

CAS: 110-12-3 Index: 606-026-00-4

Weight fraction : $\geq 25 - < 50$ %
Classification 1272/2008 [CLP] : Flam. Liq. 3, H226
Acute Tox. 4, H332
Type: (1) (2)

4-methylpentan-2-one REACH #: 01-2119473980-30 EC: 203-550-1

CAS: 108-10-1 Index: 606-004-00-4

Weight fraction : $\geq 25 - < 50$ %
Classification 1272/2008 [CLP] : Flam. Liq. 2, H225 Acute Tox. 4, H332
Eye Irrit. 2, H319 STOT SE 3, H335
EUH066 Skin Irrit. 2, H315
Type: (1) (2)

2-ethylhexyl acetate EC: 203-079-1 CAS: 103-09-3

Weight fraction : $\geq 10 - < 25$ %
Classification 1272/2008 [CLP] : Skin Irrit. 2, H315
Type: (1)

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

(1) Substance classified with a health or environmental hazard

(2) Substance with a workplace exposure limit

(3) Substance meets the criteria for PBT according to Regulation (EC)

No.1907/2006, Annex XIII

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[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers. For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First Aid Measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove affected person from the danger area and lay down. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

Following inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

In case of skin contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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4.2 Most important symptoms and effects, both acute and delayed

Eye Contact

Causes serious eye irritation.

Inhalation

Harmful if inhaled. May cause respiratory irritation.

Skin contact

Causes skin irritation. Defatting to the skin.

Ingestion

No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye Contact

Adverse symptoms may include the following:
pain or irritation, watering, redness

Inhalation

Adverse symptoms may include the following: respiratory tract irritation
Coughing

Skin contact

Adverse symptoms may include the following:
Irritation, redness, dryness, cracking

Ingestion

No specific data

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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Specific treatments

No specific treatment.

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SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use dry chemical, CO₂, water spray (fog) or foam

Unsuitable extinguishing media

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous combustion products

Decomposition products may include the following materials:
carbon oxides

5.3 Advice for firefighters

Special precautions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up:

Small spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry

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into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

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SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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7.2 Conditions for safe storage, including any incompatibilities

Storage temperature: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Not available.

Industrial sector specific solutions

Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Product/ingredient name	Exposure limit values
5-methylhexan-2-one	EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. STEL: 475 mg/m ³ 15 minutes. STEL: 100 ppm 15 minutes. TWA: 95 mg/m ³ 8 hours. TWA: 20 ppm 8 hours.
4-methylpentan-2-one	EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. STEL: 416 mg/m ³ 15 minutes. STEL: 100 ppm 15 minutes. TWA: 208 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace

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atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Reference should be made to monitoring standards, such as the following:
European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELS

Product/ingredient name	Type	Exposure	Value	Population	Effects
4-methylpentan-2-one	DNEL	Long term Inhalation	83 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	208 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	83 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	208 mg/m ³	Workers	Local
	DNEL	Long term Dermal	11.8 mg/kg	Workers	Systemic
	DNEL	Short term Inhalation	155.2 mg/ m ³	Consumers	Systemic
	DNEL	Short term Inhalation	155.2 mg/ m ³	Consumers	Local
	DNEL	Long term Dermal	4.2 mg/kg	Consumers	Systemic
	DNEL	Long term Inhalation	14.7 mg/m ³	Consumers	Systemic
	DNEL	Long term Oral	4.2 mg/kg	Consumers	Systemic
	DNEL	Long term Inhalation	14.7 mg/m ³	Consumers	Local

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Product/ingredient name	Type	Compartment Detail	Value	Method Detail
4-methylpentan-2-one	-	Fresh water	0.6 mg/l	Assessment Factors
	-	Marine water Sewage	0.06 mg/l	Assessment Factors
	-	Treatment Plant	27.5 mg/l	Assessment Factors
	-	Fresh water sediment		
	-	Marine water	8.27 mg/kg	Equilibrium Partitioning
	-	sediment Soil	0.83 mg/kg	Equilibrium Partitioning
			1.3 mg/kg	Equilibrium Partitioning

8.2 Control parameters

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Chemical splash goggles.

Skin protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures,

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consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended.

Gloves

nitrile rubber, butyl rubber, PVC, Viton®

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Respiratory protection :

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Filter type: organic vapour (Type A) and particulate filter P3
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : Liquid
Colour: Colourless
Odour: Characteristic
Appearance: Clear and sediment free

Safety relevant basis data

pH	insoluble in water.
Melting point/freezing point	May start to solidify at the following temperature: -74°C (-101.2°F) This is based on data for the following ingredient: 5-methylhexan-2-one. Weighted average: -79.21°C (-110.6°F)
Initial boiling point and boiling range	> 37.78°C
Flash point	Closed cup: 26.5°C
Evaporation rate	Highest known value: 1.7 (4-methylpentan-2-one) Weighted average: 0.84 compared with butyl acetate
Material supports combustion.	Yes
Flammability (solid, gas)	liquid
Estimated Lower explosion limit :	> 1,1 Vol-%
Estimated Upper explosion limit :	< 8.2 Vol-%
Estimated Vapour pressure :	Highest known value: 2.1 kPa (15.8 mm Hg) (at 20°C) (4-methylpentan-2-one). Weighted average: 1.1 kPa (8.25 mm Hg) (at 20°C)
Vapour density	Highest known value: 3.9 (Air = 1) (5-methylhexan-2-one). Weighted average: 3.69 (Air = 1)

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Relative density	0.82
Solubility(ies)	Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	Lowest known value: 268°C (514.4°F) (2-ethylhexyl acetate).
Decomposition temperature	Stable under recommended storage and handling conditions (see Section 7).
Viscosity	< 30 s (ISO 6mm)
Explosive properties	Product does not present an explosion hazard.
Oxidising properties	Product does not present an oxidizing hazard.

9.2 Other Information

None

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SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

Refer to protective measures listed in sections 7 and 8.

10.5 Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

10.6 Hazardous decomposition products

Depending on conditions, decomposition products may include the following materials: carbon oxides

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SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
5-methylhexan-2-one	LD50 Dermal	Rabbit	8.14 g/kg	-
	LD50 Oral	Rat	3200 mg/kg	-
4-methylpentan-2-one	LC50 Inhalation	Rat	32772 mg/m ³	4 hours
	Vapour LD50 Oral	Rat	2.08 g/kg	-
2-ethylhexyl acetate	LD50 Oral	Rat	3 g/kg	-

Conclusion

Not available

Acute toxicity estimates

Route	ATE value
Inhalation (vapours)	13.74 mg/l

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitisation

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

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Product/ingredient name	Category	Route of exposure	Target organs
4-methylpentan-2-one	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

Not available.

Potential acute health effects

Inhalation : Harmful if inhaled. May cause respiratory irritation.

Ingestion : No known significant effects or critical hazards.

Skin contact : Causes skin irritation. Defatting to the skin.

Eye contact : Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Skin contact

Inhalation: Adverse symptoms may include the following:
respiratory tract irritation
coughing

Ingestion: No specific data.

Skin contact: Adverse symptoms may include the following:
irritation
redness
dryness
cracking

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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Short term exposure

Potential immediate effects

Not available.

Potential delayed effects :

Not available

Long term exposure

Potential immediate effects

Not available

Potential delayed effects

Not available

Potential chronic health effects

Not available.

Conclusion/Summary :

Not available.

General :

Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.

Carcinogenicity :

No known significant effects or critical hazards.

Mutagenicity :

No known significant effects or critical hazards.

Teratogenicity :

No known significant effects or critical hazards.

Developmental effects :

No known significant effects or critical hazards.

Fertility effects :

No known significant effects or critical hazards.

Other Information

Not available

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details. Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as

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mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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SECTION 12: Ecological information

12.1 Toxicity

Conclusion

Not available

12.2 Persistence and degradability

Conclusion/Summary

Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
5-methylhexan-2-one	1.88	-	low
4-methylpentan-2-one	1.31	-	low

12.4 Mobility in soil Soil/water partition coefficient (K_{oc})

Not available

Mobility

Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects

No known significant effects or critical hazards.

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SECTION 13: Disposal Considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Dispose according to legislation.

13.1 Waste treatment methods

Product/Packaging disposal

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

Yes.

Waste codes/waste designations according to EWC/AVV

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

Packaging

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	European waste catalogue (EWC)
Container	15 01 04 metallic packaging

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Special precautions

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

SECTION 14: Transport information

Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	No.	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.

Additional information

ADR/RID : None identified.

Tunnel code : (D/E)

AND : None identified.

IMDG : None identified.

IATA : None identified.

Special precautions for user

Transport within user's premises: always transport in closed containers that are

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upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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SECTION 15: Regulatory Information

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

**EU Regulation (EC) No. 1907/2006 (REACH)
Annex XIV - List of substances subject to authorisation
Annex XIV**

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Other EU regulations

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category
P5c: Flammable liquids 2 and 3 not falling under P5a or P5b 6: Flammable (R10)

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

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SECTION 16: Regulatory Information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

ATE =	Acute Toxicity Estimate
CLP =	Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL =	Derived No Effect Level
EUH statement =	CLP-specific Hazard statement
PNEC =	Predicted No Effect Concentration
RRN =	REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 3, H226 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	On basis of test data Calculation method Calculation method Calculation method Calculation method

Full text of abbreviated H statements

H225 H226 H315 H319 H332 H335	Highly flammable liquid and vapour. Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation.
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Full text of classifications [CLP/GHS]

Conforms to Regulation (EC) No 1907/2006 (REACH), Annex II, As amended by
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Acute Tox. 4, H332 EUH066 Eye Irrit. 2, H319 Flam. Liq. 2, H225 Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H335	ACUTE TOXICITY (inhalation) - Category 4 Repeated exposure may cause skin dryness or cracking. SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2 FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3
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History

Date of issue/ Date of revision	1 March 2021
Date of previous issue	14 December 2016
Prepared by	JS
Version	1.01

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.