

COSHH RISK ASSESSMENT FORM

PURELL® Advanced Hand Sanitizer Gel - MARKSBURY ROAD						
Product Name	PURELL® Advanced Hand Sanitizer Gel		Risk Assessment Number	119		
Manufacturer	Supplier – GOJO industries		Product Code	H226, H319		
Manufacturer Contact Number	Telephone 0190 858 8444		Manufacturer's CAS Ref. (on Safety Data Sheet)	CAS No: 64-17-5 CAS No: 67-63-0		
Manufacturer Safety Data Sheet (MSDS)	Yes		Date of MSDS	23/06/2021		
Hazard Classifications (Tick as appropriate)	☐	 Explosive	☐	 Corrosive	☐	 Acute toxicity
	☒	 Flammable	☐	 Hazardous to the environment	☒	 Health hazard/Irritant/Hazardous to the ozone layer
	☐	 Oxidising	☐	 Serious health hazard	☐	 Gas under pressure
	Hand sanitising - Following hand washing a small amount sanitising gel should be rubbed into the hands					
Are Any Hazardous Substances Produced by any Processes?	NO					
Who might it effect? 	Hand sanitiser is available for all staff, patients, visitors and contractors to use					
Controls in Place	☐	Total enclosure of the process	☐	Partial enclosure of the process	☒	General workplace ventilation
	☐	Wet methods (to control dust)	☐	Respiratory Protection	☐	Eye Protection
	☐	Gloves	☐	Overalls	☐	Other

COSHH RISK ASSESSMENT FORM

Precautions & Personal Protection 	Good Ventilation					
Emergency First Aid 	Swallowed: DO NOT Induce vomiting, if symptoms occur seek medical advice		In contact with eyes: Flush eyes with plenty of water for at least 15 minutes			
	Contact with Skin: Wash with soap and water as a precaution		Inhaled: Remove to fresh air			
Action in case of Emergency 	Contact with combustible material may cause fire					
Environmental Implications 	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.					
Storage, Disposal & Transport 	Storage A small supply <2 litres is stored in the consumable storage cupboard, there are single use bottles in all clinical, administrative and reception areas		Disposal Empty containers may be recycled		Transport A small supply of single use containers/bottles is delivered by the facilities team (less than 2litres)	
Overall Assessment of Risk of Current Use of the Substance 	☒	Low A low-risk score means the substance poses minimal danger under normal working conditions and when proper controls (e.g., PPE, ventilation) are in place. Routine monitoring is sufficient, and there is no immediate concern for harm.	☐	Medium A medium-risk score indicates a moderate chance of harm. This suggests that additional precautions or stricter controls may be required to prevent exposure, such as improving handling procedures or enhancing protective measures.	☐	High A high-risk score means there is a significant likelihood of harm, either due to the nature of the substance or insufficient controls. Immediate action is required to eliminate or reduce exposure to an acceptable level, such as substituting the substance, upgrading safety measures, or improving training and supervision.
Improvements Required	Are the current controls effective?					Yes
	Does the MSDS suggest any controls that we don't have in place?					No
	Is air monitoring considered appropriate?					No
	Can the process be re-engineered?					No
	Have we considered the use of an alternative, less dangerous substance?					Yes

COSHH RISK ASSESSMENT FORM

Assessment Completed by	Name: Keiran Lengauer	Role: Base Manager	Date: 02/03/2026
-------------------------	-----------------------	--------------------	------------------



SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

PURELL® Advanced Hand Sanitizer Gel

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

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

1.1 Product identifier

Trade name : PURELL® Advanced Hand Sanitizer Gel

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

Use of the Substance/Mixture : Human hygiene biocidal products

1.3 Details of the supplier of the safety data sheet

Company : GOJO Industries-Europe Ltd.
Units 5 & 6, Stratus Park
Brinklow, Milton Keynes, MK10 0DE

Telephone : +44(0) 1908588444

Telefax : +44(0) 1908588445

1.4 Emergency telephone number

+44(0) 8445605135

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3

Eye irritation, Category 2

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces.
- No smoking.
P233 Keep container tightly closed.

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Ethyl Alcohol	64-17-5 200-578-6 Not available	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 50 - < 70
Isopropyl Alcohol	67-63-0 200-661-7 Not available	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 3 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.

COSHH RISK ASSESSMENT FORM

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

When symptoms persist or in all cases of doubt seek medical advice.

- | | | |
|----------------------------|---|--|
| Protection of first-aiders | : | First Aid responders should pay attention to self-protection and use the recommended protective clothing |
| If inhaled | : | If inhaled, remove to fresh air.
If symptoms persist, call a physician. |
| In case of skin contact | : | Wash with water and soap as a precaution.
Get medical attention if irritation develops and persists. |
| In case of eye contact | : | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If easy to do, remove contact lens, if worn.
Seek medical advice. |
| If swallowed | : | If swallowed, DO NOT induce vomiting.
Rinse mouth with water.
Obtain medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

- | | | |
|-------|---|--------------------------------|
| Risks | : | Causes serious eye irritation. |
|-------|---|--------------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

- | | | |
|------------------------------|---|--|
| Suitable extinguishing media | : | Water spray
Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO ₂) |
|------------------------------|---|--|

- | | | |
|--------------------------------|---|-----------------------|
| Unsuitable extinguishing media | : | High volume water jet |
|--------------------------------|---|-----------------------|

5.2 Special hazards arising from the substance or mixture

- | | | |
|--------------------------------------|---|---|
| Specific hazards during firefighting | : | Do not use a solid water stream as it may scatter and spread fire.
Cool closed containers exposed to fire with water spray.
Flash back possible over considerable distance.
May form explosive mixtures in air.
Exposure to decomposition products may be a hazard to health. |
| Hazardous combustion products | : | Carbon oxides |

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

5.3 Advice for firefighters

- | | | |
|---|---|--|
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. |
| Specific extinguishing methods | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- | | | |
|----------------------|---|---|
| Personal precautions | : | Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions. |
|----------------------|---|---|

6.2 Environmental precautions

- | | | |
|---------------------------|---|---|
| Environmental precautions | : | Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained. |
|---------------------------|---|---|

6.3 Methods and material for containment and cleaning up

- | | | |
|-------------------------|---|---|
| Methods for cleaning up | : | Non-sparking tools should be used.
Soak up with inert absorbent material.
Suppress (knock down) gases/vapours/mists with a water spray jet.
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations. |
|-------------------------|---|---|

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- | | | |
|---|---|---|
| Advice on safe handling | : | For personal protection see section 8.
Keep away from heat.
Use with local exhaust ventilation.
Avoid contact with eyes. |
| Advice on protection against fire and explosion | : | Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take measures to prevent the build up |

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

of electrostatic charge.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Take measures to prevent the build up of electrostatic charge. Keep in properly labelled containers. Keep container tightly closed in a dry and well-ventilated place. Store in accordance with the particular national regulations.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Ethyl Alcohol	64-17-5	TWA	1,000 ppm 1,920 mg/m ³	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			
Isopropyl Alcohol	67-63-0	TWA	400 ppm 999 mg/m ³	GB EH40
		STEL	500 ppm 1,250 mg/m ³	GB EH40

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Ethyl Alcohol	Workers	Inhalation	Acute local effects	1900 mg/m ³
	Workers	Skin contact	Long-term systemic effects	343 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	950 mg/m ³
	Consumers	Inhalation	Acute local effects	950 mg/m ³
	Consumers	Skin contact	Long-term systemic effects	206 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	114 mg/m ³
	Consumers	Ingestion	Long-term systemic effects	87 mg/kg bw/day
Isopropyl Alcohol	Workers	Skin contact	Long-term systemic effects	888 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	500 mg/m ³
	Consumers	Skin contact	Long-term systemic effects	319 mg/kg bw/day

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

	Consumers	Inhalation	Long-term systemic effects	89 mg/m3
	Consumers	Ingestion	Long-term systemic effects	26 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Ethyl Alcohol	Fresh water	0.96 mg/l
	Marine water	0.79 mg/l
	Intermittent use/release	2.75 mg/l
	Sewage treatment plant	580 mg/l
	Fresh water sediment	3.6 mg/kg
	Marine sediment	2.9 mg/kg
	Soil	0.63 mg/kg
Isopropyl Alcohol	Oral	720 mg/kg
	Fresh water	140.9 mg/l
	Marine water	140.9 mg/l
	Intermittent use/release	140.9 mg/l
	Sewage treatment plant	2251 mg/l
	Fresh water sediment	552 mg/kg
	Marine sediment	552 mg/kg
	Soil	28 mg/kg
	Oral	160 mg/kg

8.2 Exposure controls

Personal protective equipment

- Eye protection : Wear face-shield and protective suit for abnormal processing problems.
- Hand protection : No special protective equipment required.
- Remarks : No special protective equipment required.
- Skin and body protection : No special protective equipment required.
- Respiratory protection : No personal respiratory protective equipment normally required.
- Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Ensure that eye flushing systems and safety showers are located close to the working place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : gel
- Colour : clear, colourless, light yellow
- Odour : citrus
- Odour Threshold : No data available
- pH : 6.5 - 8.5
- Melting point/freezing point : No data available

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

Boiling point/boiling range : 70.00 °C

Flash point : 25.00 °C

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Density : 0.8743 g/cm3

Solubility(ies)

 Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : not determined

Decomposition temperature : The substance or mixture is not classified self-reactive.

Viscosity

 Viscosity, kinematic : 3500 - 23000 mm2/s (20 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

COSHH RISK ASSESSMENT FORM

Materials to avoid : Oxidizing agents

COSHH RISK ASSESSMENT FORM

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Information on likely routes of exposure : Inhalation
Skin contact
Eye contact

Acute toxicity

Not classified based on available information.

Components:

Ethyl Alcohol:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 124.7 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Isopropyl Alcohol:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 72.6 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: May cause skin irritation in susceptible persons.

Components:

Ethyl Alcohol:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

Isopropyl Alcohol:

Species: Rabbit
Result: No skin irritation

COSHH RISK ASSESSMENT FORM

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Components:

Ethyl Alcohol:

Species: Rabbit

Method: OECD Test Guideline 405

Result: Irritation to eyes, reversing within 21 days

Isopropyl Alcohol:

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks: No data available

Components:

Ethyl Alcohol:

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: negative

Isopropyl Alcohol:

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

Germ cell mutagenicity

Not classified based on available information.

Components:

Ethyl Alcohol:

Genotoxicity in vitro

: Test Type: In vitro mammalian cell gene mutation test

Result: negative

COSHH RISK ASSESSMENT FORM

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)
Species: Mouse
Application Route: Ingestion
Result: negative

Isopropyl Alcohol:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)
Species: Mouse
Application Route: Intraperitoneal injection
Result: negative

Carcinogenicity

Not classified based on available information.

Components:

Isopropyl Alcohol:

Species: Rat
Application Route: inhalation (vapour)
Exposure time: 104 weeks
Method: OECD Test Guideline 451
Result: negative

Reproductive toxicity

Not classified based on available information.

Components:

Ethyl Alcohol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study
Species: Mouse
Application Route: Ingestion
Method: OECD Test Guideline 416
Result: negative

Isopropyl Alcohol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study
Species: Rat
Application Route: Ingestion
Result: negative

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Result: negative

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

STOT - single exposure

Not classified based on available information.

Components:

Isopropyl Alcohol:

Assessment: May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

Ethyl Alcohol:

Species: Rat
NOAEL: 2,400 mg/kg
Application Route: Ingestion
Exposure time: 2 y

Isopropyl Alcohol:

Species: Rat
NOAEL: 5000 ppm
Application Route: inhalation (vapour)
Exposure time: 104 w
Method: OECD Test Guideline 413

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Ethyl Alcohol:

Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h
Toxicity to algae	:	EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l
Exposure time: 0.25 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 9.6 mg/l
Exposure time: 9 d
Species: Daphnia magna (Water flea)

Isopropyl Alcohol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 24 h

Toxicity to bacteria : EC50 (Pseudomonas putida): > 1,050 mg/l
Exposure time: 16 h

12.2 Persistence and degradability

Components:

Ethyl Alcohol:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 84 %
Exposure time: 20 d

Isopropyl Alcohol:

Biodegradability : Result: rapidly degradable

12.3 Bioaccumulative potential

Components:

Ethyl Alcohol:

Partition coefficient: n-octanol/water : log Pow: -0.35

Isopropyl Alcohol:

Partition coefficient: n-octanol/water : log Pow: 0.05

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

12.6 Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

14.1 UN number

ADN : UN 1987
ADR : UN 1987
RID : UN 1987
IMDG : UN 1987
IATA : UN 1987

14.2 UN proper shipping name

ADN : ALCOHOLS, N.O.S.
(Ethanol, Propan-2-ol)
ADR : ALCOHOLS, N.O.S.
(Ethanol, Propan-2-ol)
RID : ALCOHOLS, N.O.S.
(Ethanol, Propan-2-ol)
IMDG : ALCOHOLS, N.O.S.
(Ethanol, Propan-2-ol)
IATA : Alcohols, n.o.s.
(Ethanol, Propan-2-ol)

14.3 Transport hazard class(es)

ADN : 3
ADR : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADN
Packing group : III

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

Classification Code : F1
Hazard Identification Number : 30
Labels : 3

ADR

Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3
Tunnel restriction code : (D/E)

RID

Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3

IMDG

Packing group : III
Labels : 3
EmS Code : F-E, S-D

IATA (Cargo)

Packing instruction (cargo aircraft) : 366
Packing instruction (LQ) : Y344
Packing group : III
Labels : Flammable Liquids

IATA (Passenger)

Packing instruction (passenger aircraft) : 355
Packing instruction (LQ) : Y344
Packing group : III
Labels : Flammable Liquids

14.5 Environmental hazards

ADN

Environmentally hazardous : no

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

Not applicable

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European : Not applicable

COSHH RISK ASSESSMENT FORM

Version 1.0 Revision Date: 23.06.2021 SDS Number: 400000000422 Date of last issue: -
Date of first issue: 23.06.2021

Parliament and the Council concerning the export and import of dangerous chemicals

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

		Quantity 1 5,000 t	Quantity 2 50,000 t
6	Flammable.		

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		5,000 t	50,000 t
P5c	FLAMMABLE LIQUIDS		

34	Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)	2,500 t	25,000 t
----	--	---------	----------

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Volatile organic compounds (VOC) content: 68.85 %, 814.74 g/l
Remarks: VOC content excluding water

Other regulations : Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

CH INV : On the inventory, or in compliance with the inventory

AICS : On the inventory, or in compliance with the inventory

DSL : On the inventory, or in compliance with the inventory

Version 1.0	Revision Date: 23.06.2021	SDS Number: 400000000422	Date of last issue: - Date of first issue: 23.06.2021
----------------	------------------------------	-----------------------------	--

ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H225	: Highly flammable liquid and vapour.
H319	: Causes serious eye irritation.
H336	: May cause drowsiness or dizziness.

Full text of other abbreviations

Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
STOT SE	: Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council

COSHH RISK ASSESSMENT FORM

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	23.06.2021	400000000422	Date of first issue: 23.06.2021

concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN