

Safety Data Sheet

ISCAGUARD PFA

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

1.1 Product identifier

Product name: ISCAGUARD PFA
Substance/Mixture: Mixture

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

Relevant identified uses: Preservative for cosmetic and personal care products.

1.3 Details of the supplier of the safety data sheet

Name: ISCA UK Ltd
Street: Unit 29, Nine Mile Point Industrial Estate, Crosskeys, Newport
Postal code/City: NP11 7HZ
Country: United Kingdom
Telephone: +44 (0) 1495 200747
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1.4 Emergency Telephone Number

Telephone: +44 (0) 1495 200747

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Eye Irrit. 2 H319: Causes serious eye irritation.

2.2 Label elements

Hazard pictograms



Signal word

Warning

Hazard Statements

H319: Causes serious eye irritation.

Precautionary Statements

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing and eye/face protection.

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.

2.3 Other hazards

no data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product name: ISCAGUARD PFA

Substance name (CAS No.) {EC} [REACH No.]	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Type
2-phenylethanol (60-12-8) {200-456-2} [01-2119963921-31-XXXX]	60	Acute Tox. 4; H302 Eye Irrit. 2; H319	[1]
Octane-1,2-diol (1117-86-8) {214-254-7} [01-2119966905-22-XXXX]	40	Eye Irrit. 2; H319 Full text of H- and EUH-statements: see section 16.	[1]

Type: [1] Constituent, [2] Impurity, [3] Stabilizing additive

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Get medical advice/attention.

Skin contact

Wash with plenty of soap and water.
Get medical advice/attention.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical advice/attention.

Following ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Drink plenty of water.
Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray jet, Dry extinguishing powder, Foam, Carbon dioxide (CO₂).

Unsuitable extinguishing media: Full water jet.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Toxic gas.
Do not allow firefighting water to enter drains or water courses.

Hazardous decomposition products: See Section 10.6

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.
Collect contaminated firefighting water separately.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Provide adequate ventilation.
Safe handling: see section 7
Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains.
In case of escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Provide adequate ventilation.

6.4 Reference to other sections

Personal protection equipment: see section 8.
Disposal: see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling: Personal protection equipment: see section 8
Avoid contact with skin, eyes and clothes. Do not breathe mist/vapours/spray. Do not eat, drink or smoke when using this product. Keep container tightly closed.

Measures to prevent fire: Usual measures for fire prevention. Keep away from sources of ignition - No smoking.
Take action to prevent static discharges. Use explosion-proof electrical equipment.

Dust explosibility: No further relevant information available.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Keep container tightly closed in a cool, well-ventilated place. Take action to prevent static discharges. Protect from direct sunlight.
Do not store at temperatures below: 5 °C

Advice on joint storage: Keep away from: Food and feedingstuffs, Incompatible materials, Oxidizing agent, Alkalines

Other: Stable under recommended storage and handling conditions.

7.3 Specific end use(s)

Preservative for cosmetic and personal care products.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

no data available.

DNEL (Human health)

Substance name: octane-1,2-diol					
Route of exposure	Acute effects		Chronic effects		
	Local	Systemic	Local	Systemic	
Inhalation				10.6 mg/m ³	Workers
dermal				1.5 mg/kg bw/day	
Inhalation				2.6 mg/m ³	Consumers
dermal				0.75 mg/kg bw/day	
oral				0.75 mg/kg bw/day	

Substance name: 2-phenylethanol (Phenethyl alcohol)					
Route of exposure	Acute effects		Chronic effects		
	Local	Systemic	Local	Systemic	
Inhalation				59.9 mg/m ³	Workers
dermal				21.2 mg/kg bw/day	
Inhalation				17.7 mg/m ³	Consumers
dermal				12.7 mg/kg bw/day	
oral				5.1 mg/kg bw/day	

PNEC (Environmental)

Substance name: octane-1,2-diol	
Environmental protection target	PNEC
freshwater	0.002 mg/l
marine water	0.0002 mg/l
sewage treatment plant (STP)	10 mg/l
freshwater, sediment	0.031 mg/kg dwt
marine water, sediment	0.0031 mg/kg dwt
soil	0.003 mg/kg dwt

Substance name: 2-phenylethanol (Phenethyl alcohol)	
Environmental protection target	PNEC
freshwater	0.215 mg/l
marine water	0.0215 mg/l

sewage treatment plant (STP)	10 mg/l
freshwater, sediment	1.454 mg/kg
marine water, sediment	0.1454 mg/kg
soil	0.164 mg/kg

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation.
Ensure eye bath is available.

Personal protection

Respiratory protection: Wear breathing apparatus if exposed to vapours/dusts/aerosols. Half-face mask: Filter type: type A EN 136/140/145/143/149

Hand protection: Wear protective gloves. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable eye protection: Eye glasses with side protection. EN166

Skin protection: For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Advice on general occupational hygiene: Do not breathe dusts/mists.
Avoid contact with skin, eyes and clothes.
Do not eat, drink or smoke when using this product.
Wash hands before breaks and after work.
Wash contaminated clothing before reuse.

Environmental precautions

General advice: Do not allow to enter into surface water or drains. In case of escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless / yellow
Odour:	no data available.
Odour threshold:	no data available.
Melting point:	no data available.
Boiling point or initial boiling point and boiling range:	no data available.
Flammability:	no data available.
Lower and upper explosion limit:	no data available.
Flash point:	no data available.
Auto-ignition temperature:	no data available.
Decomposition temperature:	no data available.

pH:	7.7 (20 °C, 1 % aq)
Kinematic viscosity:	no data available.
Solubility	< 0.7 % (water)
Partition coefficient: n-octanol/water:	no data available.
Relative density:	0.98
Vapour pressure:	no data available.
Vapour density:	no data available.
Bulk density:	no data available.
Particle characteristics	no data available.

9.2 Other information
no data available.

SECTION 10: Stability and Reactivity

- 10.1 Reactivity**
no data available.
- 10.2 Chemical stability**
The product is chemically stable under recommended conditions of storage, use and temperature.
- 10.3 Possibility of hazardous reactions**
In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.
- 10.4 Conditions to avoid**
Heat
- 10.5 Incompatible materials**
Materials to avoid:
Oxidizing agent, Acids
- 10.6 Hazardous decomposition products**
In case of fire may be liberated:
Carbon dioxide (CO₂)
Carbon monoxide
Pyrolysis products

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity**
Not classified based on available information.

Substance name (CAS No.) {EC} [REACH No.]	Result	Species	Dose
2-phenylethanol (60-12-8) {200-456-2} [01-2119963921-31-XXXX]	LD50: oral	Rat	1609 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Eye Irrit. 2 H319: Causes serious eye irritation.

Respiratory or skin sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

In vivo mutagenicity/genotoxicity
no data available.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Specific target organ toxicity (single exposure)

Not classified based on available information.

Specific target organ toxicity (repeated exposure)

Not classified based on available information.

Aspiration hazard

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

no data available.

Other information

no data available.

SECTION 12: Ecological information

12.1 Toxicity

Not classified based on available information.

Substance name (CAS No.) {EC} [REACH No.]	Result	Species	Dose
2-phenylethanol (60-12-8) {200-456-2} [01-2119963921-31-XXXX]	LC0: 96 h	Leuciscus idus (golden orfe)	> 220 - < 460 mg/L

Substance name (CAS No.) {EC} [REACH No.]	Result	Species	Dose
Octane-1,2-diol (1117-86-8) {214-254-7} [01-2119966905-22-XXXX]	EC50: 48 h	Daphnia magna (Big water flea)	178 mg/L

12.2 Persistence and degradability

no data available.

12.3 Bioaccumulative potential

no data available.

12.4 Mobility in soil

no data available.

12.5 Results of PBT and vPvB assessment

no data available.

12.6 Endocrine disrupting properties

12.7 Other adverse effects

Additional ecotoxicological information: Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Other disposal recommendations

Dispose of product and packaging in accordance with local and national regulations. Do not dispose of together with household waste. Do not allow to enter into surface water or drains.

SECTION 14: Transport information

	ADR/RID/DOT(US)		IMDG		IATA	
14.1 UN number						
14.2 UN proper shipping name	Not classified based on available information.		Not classified based on available information.		Not classified based on available information.	
14.3 Transport hazard class(es)						
14.4 Packing group						
14.5 Environmental hazards						
Additional information	Transport category:					
	Tunnel restriction code:					
	Hazard identification number:					

14.6 Special precautions for user
No further relevant information available.

14.7 Maritime transport in bulk according to IMO instruments
not applicable.

SECTION 15: Regulatory information

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

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

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]
no data available.

15.2 Chemical Safety Assessment
No further relevant information available.

SECTION 16: Other information'

The above information is believed to be correct but does not purport to be all inclusive, and shall be used only as a guide. ISCA UK Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

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

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

Full text of other abbreviations

dwt Dry weight
EUH071 EUH071: Corrosive to the respiratory tract

Manufacturer:

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Revision history

Version	Revision date	Indication of changes
V3.0	18-11-2022	New SDS created. (2020/878)