



ISONONANOATE D'ISONONYLE / DUB ININ

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH). A safety data sheet is not required for this product under Article 31 of REACH.
This Product Safety Information Sheet has been created on a voluntary basis
Date of issue: 01/08/2018 Revision date: 01/08/2018 Version: 4.01

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

1.1. Product identifier

Trade name : ISONONANOATE D'ISONONYLE / DUB ININ
Chemical name : Isononyl isononanoate
CAS-No. : 59219-71-5 or 42131-25-9
EC-No. : 261-665-2 or 701-133-3
REACH registration No : 01-2119976389-16-0000

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

1.2.1. Relevant identified uses

Main use category : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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696 rue Yves Kermen
92100 Boulogne Billancourt - France
T +33 1 46 10 07 30 - F +33 1 49 10 99 48
info@duboisexpert.com

1.4. Emergency telephone number

Emergency number : Orfila: +33 1 45 42 59 59

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Isononyl isononanoate	(CAS-No.) 59219-71-5 or 42131-25-9 (EC-No.) 261-665-2 or 701-133-3 (REACH-no) 01-2119976389-16-0000	Not classified

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice.
First-aid measures after skin contact : Rinse immediately with plenty of water (for at least 15 minutes). Soap may be used.
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes.
First-aid measures after ingestion : Give nothing to drink. And. Do not induce vomiting without medical advice. Get immediate medical advice/attention.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures



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5.1. Extinguishing media

- Suitable extinguishing media : carbon dioxide (CO₂), dry chemical powder, foam.
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.
Hazardous decomposition products in case of fire : carbon oxides.

5.3. Advice for firefighters

- Protection during firefighting : Use normal individual fire protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Recover large spills by pumping (use an explosion proof or hand pump). If recovery is impossible or if the pools are too small, absorb with : Sand/earth. or. inert absorbent material. Shovel into suitable and closed container for disposal.

6.4. Reference to other sections

Wear personal protective clothing (see chapter 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product. Take off immediately all contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in original container. Keep container tightly closed and in a well-ventilated place. Store at room temperature.
Storage temperature : 5 - 30 °C
Heat and ignition sources : Keep away from sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

Hand protection:

Wear suitable gloves resistant to chemical penetration (Dir. 89/686/CEE)

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing. or. Lab coat

Respiratory protection:

No special protection required

SECTION 9: Physical and chemical properties



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9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Oily.
Colour	: clear.
Odour	: characteristic.
Melting point	: <= -25 °C
Freezing point	: <= -25 °C
Boiling point	: > 300 °C (Lit.)
Flash point	: ≈ 156,5 °C at 998 hPa
Auto-ignition temperature	: ≈ 374 °C at 1013 hPa
Vapour pressure	: < 0,1 Pa (20°C)(calculated value) (Lit.)
Density	: 0,85 - 0,86 g/m ³ (25°C)
Solubility	: Insoluble.
Log Pow	: 6,9 - 7,9 (calculated value) (Lit.)
Viscosity, kinematic	: 6,8 mm ² /s (25°C)
Explosive properties	: Product is not explosive. (Lit.)
Oxidising properties	: Non oxidizing material according to EC criteria. (Lit.)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Suitable packing materials. Plastic drum or iron drum with internal coating.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Isononyl isononanoate (59219-71-5 or 42131-25-9)	
LD50 oral	> 5 ml/kg (mouse)(Results obtained on a similar product)
LD50 dermal rat	> 2000 mg/kg (Results obtained on a similar product) (Lit.)
Skin corrosion/irritation	: Not irritating to skin
Serious eye damage/irritation	: Not irritating to eyes. (Results obtained on a similar product)
Respiratory or skin sensitisation	: Not sensitizing. (Results obtained on a similar product)
Germ cell mutagenicity	: Not mutagenic (AMES Test). (Results obtained on a similar product). (Lit.)
Carcinogenicity	: No data available
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Isononyl isononanoate (59219-71-5 or 42131-25-9)	
Viscosity, kinematic	6,8 mm ² /s (25°C)

SECTION 12: Ecological information

12.1. Toxicity

Isononyl isononanoate (59219-71-5 or 42131-25-9)	
LC50 fish 1	> 100 mg/l (96h) (Danio rerio)



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NOEC (chronic)	> 100 mg/l (21d) (Daphnia Magna)
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12.2. Persistence and degradability

Isononyl isononanoate (59219-71-5 or 42131-25-9)

Persistence and degradability	Readily biodegradable.
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Biodegradation	91 % after 28 days
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12.3. Bioaccumulative potential

Isononyl isononanoate (59219-71-5 or 42131-25-9)

Log Pow	6,9 - 7,9 (calculated value) (Lit.)
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : External treatment and disposal of waste should comply with applicable local and/or national regulations.

Product/Packaging disposal recommendations : Dispose of waste cans and containers according to local regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information



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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Isononyl isononanoate is not on the REACH Candidate List

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information : None.

Stéarinerie Dubois

Information presented herein only completes the technical data sheet without replacing it. This information is believed to be accurate and reliable as of the date of publication but is being furnished for informational purposes only and does not imply any guarantee or warranty.

Users must be aware of the potential risks of using a product beyond the scope of what the product is intended for.