

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

1.1. Product identifier

Product form : Mixture
Trade name : **IGOL ROULEMENT BIMO EP 2**
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance/mixture : Lubricating grease
Use of the substance/mixture : Fats

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

IGOL FRANCE
614, rue de Cagny - CS 19403
80094 AMIENS CEDEX 3 - France
T +33 (0)3 22 50 22 22
msds@igol.com - www.igol.com

1.4. Emergency telephone number

United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital Penarth CF64 2XX Cardiff 0344 892 0111
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

2.2. Label elements

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

Extra phrases : For professional use only

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

Comments : This product is a lithium grease based on mineral oil with additives
The mineral oil in this product contains less than 3% PCA (IP 346).

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Gently wash with plenty of soap and water.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.
First-aid measures after ingestion : Do not induce vomiting. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

- Symptoms/effects after inhalation : In case of inhalation of high concentrations : May cause headache, nausea and irritation of respiratory tract. Difficulty in breathing.
- Symptoms/effects after skin contact : Repeated or prolonged skin contact may cause irritation. Redness.

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 : Carbon dioxide. 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 : Non flammable.
- Reactivity in case of fire : On burning: release of (highly) toxic gases/vapours. Thermal decomposition can lead to the release of irritating gases and vapours.

5.3. Advice for firefighters

- Protection during firefighting : In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : May be dangerously slippery if spilled.

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

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

6.2. Environmental precautions

Try to stop release if without risk. Prevent liquid from entering sewers, watercourses, underground or low areas. Not in groundwater, surfacewater or sewerage.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

6.4. Reference to other sections

Refer to section 12. Ecological information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : May be dangerously slippery if spilled.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Avoid repeated or prolonged skin contact.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep in a cool, well-ventilated place away from heat. Store at temperatures not exceeding ...°C/...°F.

7.3. Specific end use(s)

The information is in this safety data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

- Appropriate engineering controls : None under normal conditions.
- Hand protection : Nitrile rubber gloves. Layer thickness : $\geq 0,38$ mm. Breakthrough time : 6 (> 480 minutes). Wear suitable gloves tested to EN374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer

Eye protection	: Avoid contact with eyes
Skin and body protection	: Skin protection appropriate to the conditions of use should be provided
Respiratory protection	: If mist is formed : Wear respiratory protection.
Environmental exposure controls	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.
Other information	: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Black.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 150 °C (> 302 °F) (Based on the oil)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: < 1000 kg/m ³ @25°C / 77°F
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Oxidizing materials.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

ATE CLP (oral)	5078 mg/kg bodyweight
ATE CLP (dermal)	4750 mg/kg bodyweight

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

IGOL ROULEMENT BIMO EP 2	
Additional information	No data available on ecotoxicity

12.2. Persistence and degradability

IGOL ROULEMENT BIMO EP 2	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

IGOL ROULEMENT BIMO EP 2	
Bioaccumulative potential	not bioaccumulable.

12.4. Mobility in soil

IGOL ROULEMENT BIMO EP 2	
Ecology - soil	Product adsorbs onto the soil. Material insoluble in water.

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

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code : 13 08 99* - wastes not otherwise specified

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
No dangerous good in sense of transport regulations.(ADR, RID, IMDG, IATA)				
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
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	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the

ADR	IMDG	IATA	ADN	RID
environment : No	environment : No Marine pollutant : No	environment : No	environment : No	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

Carriage prohibited (ADN) : No

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Indication of changes:

	Extra phrases	Modified	
	Skin corrosion/irritation - comment	Added	
	Serious eye damage/irritation - comment	Added	
	Aspiration hazard - comment	Added	
1.2	Main use category	Modified	
4.1	First-aid measures after skin contact	Modified	
4.1	First-aid measures after inhalation	Modified	
4.1	First-aid measures after ingestion	Modified	
4.1	First-aid measures after eye contact	Modified	
4.2	Symptoms/effects after skin contact	Modified	
4.2	Symptoms/effects after inhalation	Modified	
5.1	Unsuitable extinguishing media	Modified	
5.1	Suitable extinguishing	Modified	

	media		
5.2	Reactivity in case of fire	Added	
5.2	Fire hazard	Added	
5.3	Protection during firefighting	Modified	
6.2	Environmental precautions	Modified	
6.3	Methods for cleaning up	Modified	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Hygiene measures	Modified	
7.2	Storage conditions	Modified	
7.3	Specific end uses	Added	
8.2	Environmental exposure controls	Added	
8.2	Skin and body protection	Added	
8.2	Appropriate engineering controls	Added	
8.2	Other information	Modified	
8.2	Respiratory protection	Modified	
8.2	Hand protection	Modified	
9.1	Density	Modified	
9.1	Flash point	Modified	
10.1	Reactivity	Modified	
10.5	Incompatible materials	Modified	
11.1	ATE CLP (dermal)	Added	
11.1	ATE CLP (oral)	Added	
12.1	Additional ecotoxicological information	Added	
12.2	Persistence and degradability	Modified	
12.3	Bioaccumulative potential	Modified	
13.1	Waste treatment methods	Added	
15.2	Chemical safety assessment	Added	

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