



## SAFETY DATA SHEET

### Ironwax Gloss

#### 1. IDENTIFICATION OF PRODUCT & COMPANY

Product Name: **IRONWAX GLOSS**

Details of company: LTP  
Tone Industrial Estate  
Milverton Road  
Wellington  
Somerset  
TA21 0AN

Telephone: 01823 666 213  
Fax: 01823 665 685  
Email: [info@ltp-online.co.uk](mailto:info@ltp-online.co.uk)  
**EMERGENCY TELEPHONE 01823 666213 (Office Hours Mon-Fri 8.30-5.30)**

#### 2. HAZARD IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present a health hazard.  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.
- 2.2 Label elements.**  
**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**  
S2 Keep out of reach of children
- 2.3 Other Hazards**  
No data available

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

##### 3.2. Mixtures

###### Composition :

Identification	Name	Classification	%
INDEX: 34590948 CAS: 34590-94-8 EC: 252-104-2	DIPROPYLENE GLYCOL MONOMETHYLIQUE ETHER		2.5 <= x % < 10
INDEX: 007-001-01-2 CAS: 1336-21-6 EC: 215-647-6	AMMONIA SOLUTION ...%	GHS05, GHS09, Dgr C,N H:314.1B-400 R: 34-50 NOTA: B	0 <= x % < 2.5
INDEX: 007-010-00-4 CAS: 7632-00-0 EC: 231-555-9	SODIUM NITRITE	GHS03, GHS06, GHS09, Dgr T,N,O H:272.3-301-400 R: 8-50-25	0 <= x % < 2.5
INDEX: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	PROPAN-2-OL	GHS02, GHS07, Dgr Xi,F H:225-319-336 R: 11-36-67	0 <= x % < 2.5
INDEX: 603-004-00-6 CAS: 71-36-3 EC: 200-751-6	N-BUTANOL	GHS02, GHS05, GHS07, Dgr Xn H:226-302-335-315-318-336 R: 10-37/38-41-67-22	0 <= x % < 2.5

# Ironwax Gloss

## 4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

#### In the event of swallowing:

Seek medical attention, showing the label.

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

No data available.

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

## 5. FIRE FIGHTING MEASURES

Non-flammable.

### 5.1. Extinguishing media

### 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)

### 5.3. Advice for firefighters

No data available.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

#### For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

## 7. HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

#### Fire prevention:

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

#### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

#### Storage

Keep out of reach of children

#### Packaging

Always keep in packaging made of an identical material to the original

### 7.3. Specific end use(s)

No data available.

## Ironwax Gloss

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

##### Occupational exposure limits:

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
34590-94-8	308	50	-	-	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
34590-94-8	100 ppm	150 ppm	-	-	-
67-63-0	200 ppm	400 ppm	-	-	-
71-36-3	20 ppm	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010):

CAS	VME:	VME:	Excess	Notes
34590-94-8	50 ml/m3	310 mg/m3	1(I)	DFG, EU
67-63-0	200 ml/m3	500 mg/m3	2(II)	DFG, Y
71-36-3	100 ml/m3	310 mg/m3	1(I)	DFG, Y

- France (INRS - ED984:2007 and French Order of 30/06/2004):

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No.:
34590-94-8	50	308	-	-	*	84
67-63-0	-	-	400	980	-	84
71-36-3	-	-	50	150	-	84

#### 8.2. Exposure controls

##### Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

##### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

##### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

##### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

### 9. PHYSICAL & CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

##### General information:

Physical state: fluid liquid

##### Important health, safety and environmental information:

pH of the substance or preparation:	neutral
When a pH measure is possible, it has a value of:	7.50
Boiling point/boiling range:	not relevant.
Flash point interval:	not relevant.
Vapour pressure:	not relevant.
Density:	> 1
Water solubility:	Soluble.
Melting point/melting range:	not relevant.
Self-ignition temperature:	not relevant.
Decomposition point/decomposition range :	not relevant.

#### 9.2. Other information

No data available.

### 10. STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

Avoid:

- frost

#### 10.5. Incompatible materials

# Ironwax Gloss

## 10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

2-butoxyethanol and its acetate are absorbed directly through the skin and have harmful effects on the blood.

#### Mixture

No toxicological data available for the mixture.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Substances

No aquatic toxicity data available for the substances.

#### Mixtures

No aquatic toxicity data available for the mixture.

### 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. Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## 14. TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 – IMDG 2008 – ICAO/IATA 2011).

## 15. REGULATORY INFORMATION

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

#### - Particular provisions:

No data available.

### 15.2. Chemical safety assessment

No data available.

## 16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

## Ironwax Gloss

### **Title for H, EUH and R indications mentioned in section 3:**

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H272 May intensify fire; oxidiser.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
R 10 Flammable.  
R 11 Highly flammable.  
R 22 Harmful if swallowed.  
R 25 Toxic if swallowed.  
R 34 Causes burns.  
R 36 Irritating to eyes.  
R 37/38 Irritating to respiratory system and skin.  
R 41 Risk of serious damage to eyes.  
R 50 Very toxic to aquatic organisms.  
R 67 Vapours may cause drowsiness and dizziness.  
R 8 Contact with combustible material may cause fire.

### **Abbreviations:**

ADR: European agreement concerning the international carriage of dangerous goods by Road.  
IMDG: International Maritime Dangerous Goods.  
IATA: International Air Transport Association.  
ICAO: International Civil Aviation Organisation  
RID: Regulations concerning the International carriage of Dangerous goods by rail.  
WGK: Wassergefährdungsklasse (Water Hazard Class).

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*This data sheet is compiled to be of assistance but is without guarantee. Users are responsible for safe working.*

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Oct 11