

## SAFETY DATA SHEET

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GL 30 GUM

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: GL 30 GUM  
Catalogue Number(s): 002834 - package 1 liter

Recommended main uses for the substance or mixture: Product indicated for cleaning and applying gum to the plate during the printing process.

Manufacturer: IBF - INDÚSTRIA BRASILEIRA DE FILMES  
Address: Rua Lauro Muller, 116 10º andar CEP 22290 900 Rio de Janeiro Brasil  
Tel.: 55 21 2103-1000

SDS prepared by : IBF INDÚSTRIA BRASILEIRA DE FILMES  
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CHEMTREC PHONE: 1 800 424 9300  
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### 2. HAZARDS IDENTIFICATION

**Classification system adopted on the basis of ABNT NBR 14725-2.**  
**Hazard information is based on information from the ingredients.**

#### 2.1 Classification of the mixture:

Eye irritation - Category 2, H319  
Carcinogenicity - Category 2, H351;  
Aspiration hazard - Category 1, H304.

#### 2.2 Element GHS label:



#### Word of warning:

Danger

#### Hazard Statement(s):

H319- Causes serious eye irritation  
H351- Suspected of causing cancer.  
H304- May be fatal if swallowed and enters the respiratory tract.

#### Precautionary statements: Prevention.

P201- Obtain specific instructions before use.  
P202- Do not handle the product until you have read and understood all safety precautions.  
P264- Wash thoroughly after handling.  
P280- Wear protective gloves / protective clothing / eye protection / face protection.

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### Precautionary statements: emergency response.

P305 + P351 + P338 - IN CASE OF EYE CONTACT: Rinse thoroughly with water for several minutes. In the case of use of contact lenses, remove them if it is easy. Continue rinsing.

P308 + P313- IF exposed or concerned: Get medical advice / attention.

P301 + P310- IF SWALLOWED: Immediately call a POISON CENTER / doctor

P331- DO NOT induce vomiting.

### Precautionary statements: storage.

P405 - Store in a lockable room.

### Precautionary statements: disposal.

P501 - Dispose of contents / container in local licensed by the environmental agency.

### 2.3 Other hazards:

None known.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**3.1 This product is a mixture:** Cleaning emulsion of lithographic printing plates.

| Weight% | Component (CAS Registry No.) |
|---------|------------------------------|
| 20 / 30 | Isoparaffin (64742-48-9)     |
| 1 / 5   | Naphtha (64742-95-6)         |
| 1 / 5   | Lactic acid (50-21-5)        |

Note: Exact percentage (concentration) of composition has been withheld as a trade secret is required.

### 3.2 Impurities that contribute to the hazard:

Not identified

## 4. FIRST AID MEASURES

### 4.1 First aid measures:

**Inhalation:** Transfer to airy environment. Seek medical advice if symptoms persist.

**Skin contact:** Rinse thoroughly with water for at least 15 minutes. Remove all contaminated clothing.

**Eye contact:** Rinse thoroughly with water, holding the eyelid open for at least 15 minutes.

**Ingestion:** Rinse mouth. Do not induce vomiting, seek medical attention.

After first aid urgently forward to the doctor.

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

None known.

### 4.3 Notes to physician:

The risk of this material is due to the characteristic of moderate irritation to skin and eyes.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

Extinguishing media are water, foam or dry chemical. Do not throw water directly on the product.

### 5.2 Specific hazards of the substance or mixture:

After evaporation of water can burn, forming toxic and irritating gases.

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### 5.3 Protective measures of the fire fighting team:

Use self protective equipment appropriate regardless of the environment.

Prevent contamination of ground and surface water with the fire-fighting water.

## 6. MEASURES SPILL OR LEAK

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

**6.1.1 Advice for non-emergency:** Keep people away. Isolate the area. Avoid contact with the material and stay downwind.

**6.1.2 Advice for emergency responders:** Equipment use individual protector, protective eye / face protection and gloves.

### 6.2 Environmental precautions.

Avoid that the product reaches drains, sewers, watercourses. Sealed the leak.

### 6.3 Methods and materials for containment and cleaning.

Contain / absorb the portion poured with earth dikes, vermiculite or sand. Transfer the spilled materials (solid and liquid) into suitable containers and deliver to an authorized manager for waste disposal.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling.

Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

Do not eat, drink or smoke while handling the product. Wash hands before personal hygiene.

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

Store in cool, dry and well ventilated area. Keep the container closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Control Parameters:

The control limits are for substances.

| Exposure Limits | ACGIH TLV       | OSHA                        |
|-----------------|-----------------|-----------------------------|
| Isoparaffin     | not established | 1200 mg/m <sup>3</sup>      |
| Naphtha         | not established | 100 mg/m <sup>3</sup> (TWA) |
| Lactic acid     | not established | not established             |

### 8.2 Engineering measures:

Recommended Decontamination Facilities: Eyewash, safety shower and washing facilities. Use only with adequate ventilation.

### 8.3 Personal protection measures:

**Eye / Face Protection:** It is recommended industrial hygiene practice to minimize eye contact. Wear safety glasses with side shields or goggles broad view.

**Skin Protection:** It is recommended industrial hygiene practice to minimize skin contact. Use impermeable gloves and protective clothing appropriate for risk of exposure. Use gloves resistant to chemicals.

**Respiratory protection:** Good local ventilation must be maintained. Under normal conditions, respirator protection is not necessary.

**Thermal hazards:** None known.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect:

-Physical Form: Pasty liquid

-Color: Slightly brown

Odor: Slight characteristic aromatic odor

pH: 3,30 ( $\pm 0,5$ )

Melting / Freezing Point: Not available.

Initial boiling point and boiling range temperature: Not available.

Flash Point:  $>62^{\circ}\text{C}$

Evaporation Rate: Not available.

Flammability (solid, gas): Not applicable.

Lower limit / upper flammability or explosive limits: Not applicable.

Vapor Pressure: Not available.

Vapor Density: Not available.

Relative density:  $0,974 \text{ g/cm}^3 (\pm 0,005)$  at  $20^{\circ}\text{C}$

Solubility in Water: Complete

-n-octanol/água Partition coefficient: Not available.

Auto-ignition temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction under normal conditions of use..

### 10.2 Stability

Chemically stable product at ambient conditions..

### 10.3 Possibility dangerous reactions

Polymerization does not occur.

### 10.4 Conditions to be avoided

Avoid heat, sparks, fire flames and other sources of ignition.

### 10.5 Incompatible materials

Avoid contact with strong oxidizing agent.

### 10.6 Hazardous decomposition products

Toxic and irritating gases / vapors may be released during burning or thermal decomposition

## 11. TOXICOLOGICAL INFORMATION

**The information mix refer to the toxicological data of hazardous ingredients of the mixture based on information from manufacturers.**

### 11.1 Acute toxicity:

#### **Isoparaffin:**

Ingestion toxicity: LD50 $> 5000 \text{ mg / kg}$  Minimally Toxic. Based on test data for this material.

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### 11.2 Corrosion / skin irritation:

#### Isoparaffin:

Irritation: Slightly irritating to the skin, with prolonged exposure. Based on test data for this material.

### 11.3 Serious eye damage / irritation:

#### Isoparaffin:

Irritation: May cause mild, short-term discomfort in the eyes. Based on test data for this material.

### 11.4 Respiratory sensitization or skin:

#### Isoparaffin:

Not expected to be a respiratory sensitizer.

Not expected to be a skin sensitizer. Based on test data for structurally similar materials.

### 11.5 Germ cell mutagenicity:

No information available.

### 11.6 Carcinogenesis:

No information available.

### 11.7 Reproductive toxicity:

No information available.

### 11.8 toxicity for specific target organs - single exposure:

No information available.

### 11.9 toxicity for specific target organs - repeated exposure:

No information available.

### 11.10 Aspiration hazard:

No information available.

## 12. ECOLOGICAL INFORMATION

The mixture information refers to data of hazardous ingredients of the mixture based on the information of the manufacturer.

### 12.1 Ecotoxicity:

#### Acute toxicity to aquatic environment

It is not expected to demonstrate chronic toxicity in aquatic organisms.

### 12.2 Persistence and degradability:

It is expected to be inherently biodegradable.

### 12.3 Bioaccumulative potential:

This information is not available.

### 12.4 Mobility in soil:

Highly volatile, fast partition into the air.

### 12.5 Other adverse effects:

This information is not available.

## 13. CONSIDERATIONS DISPOSAL

### 13.1 Methods recommended for disposal:

**Product:** The discharge, treatment or disposal may be subject to national, state and local laws. Download to sewer may require approval of the licensing authority and may require pretreatment. If allowed, refer to an authorized manager for waste disposal.

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**Waste product:** Keep product waste in its original packaging and properly closed. Disposal must be carried out as established for the product. Used packaging: Do not reuse packaging and identified **Empty packaging:** Packaging that cannot be fully sanitized should receive the same treatment applied to the product. Recondition or dispose of empty container in accordance with government regulations. To minimize exposure read to Section 8 (Exposure Controls/Personal Protection) of the SDS.

### 14. TRANSPORT INFORMATION

**Road and Rail:** DOT.

Not regulated

**Maritime Transport:** IMDG

Not regulated

**Air Transport:** ICAO / IATA

Not regulated

### 15. REGULATIONS

Specific regulations safety, health and the environment for the chemical.

Regulation of transport in Brazil: Resolution 5947:2021 – ANTT.

Brazilian Association of Technical Standards (ABNT) - NBR 14725 - Part 1-4.

IMDG Code - IMO (International Maritime Organization).

Dangerous Goods Regulations - IATA (International Air Transport Association).

Dangerous Goods by Road (ADR) - UNECE (United Nations Economic Commission for Europe).

### 16. OTHER INFORMATION

**Important information, but not specifically described in the previous sections.**

**This information document is in accordance with the NBR 14725: 2014 Part 4.**

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**References:**

SDS from suppliers of substances.

United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

**Captions and abbreviations:**

ANTT - National Agency of Land Transport

IMDG - International Maritime Dangerous Goods

ICAO / IATA - International Civil Aviation Organization / International Air Transport Association.

LC50 - lethal concentration for 50% of the test animals

LD50 - lethal dose 50%

ACGIH - American Conference of Governmental Industrial Hygienists, Inc.

TLV-STEL: Narrow Tolerance - short time (15 minutes maximum).

TLV-TWA: tolerance limit - time weighted average

OSHA - Occupational Safety and Health Administration

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The product should be stored, handled and used in accordance with proper industrial hygiene practices and in conformity with legal regulations.



INDÚSTRIA BRASILEIRA DE FILMES

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