

# SAFETY DATA SHEET

GRAISSE TIGRE 80



## 1. Product and company identification

**Product name** : GRAISSE TIGRE 80  
**Product type** : Solid.

**Supplier's details** : 880 Uekino-cho, Ota-shi, Gunma 373-8668, Japan - Tel : 0276-90-8504  
**Emergency telephone number (with hours of operation)** : Osaka: +81 298 52 6399

## 2. Hazards identification

**GHS Classification** : Not classified.

### GHS label elements

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
**Precautionary statements**  
**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.

**Other hazards which do not result in classification** : None known.

## 3. Composition/information on ingredients

**Substance/mixture** : Mixture

### CAS number/other identifiers

**CAS number** : Not applicable.

| Ingredient      | Japan GHS Classification | %          | CAS number | ENCS    | ISHL           |
|-----------------|--------------------------|------------|------------|---------|----------------|
| Rosin           |                          | 0.1 - 0.99 | 8050-09-7  | 7-935   | Not available. |
| Triethanolamine |                          | 0.1 - 0.3  | 102-71-6   | (2)-308 | Not available. |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Evacuate personnel from affected area. Call for a doctor if necessary.
- Skin contact** : Remove contaminated clothing and shoes. Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Specific treatments** : No specific treatment.

See toxicological information (Section 11)

## 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an appropriate extinguishing agent.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides

**Special protective actions for fire-fighters** : In the case of fire, evacuate all personnel close to the incident site. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material.
- For emergency responders** : For specific clothing and equipment necessary to treat discharge, consult section 8.

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and storage

- Precautions for safe handling** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers.

## 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

- Environmental exposure controls** : Ensure that the limits for discharge levels are respected in compliance with local regulations.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

- Eye/face protection** : In case of risk due to splashes or exposure to dust, wear suitable eye protection.

#### Skin protection

- Hand protection** : The wearing of waterproof and chemical resistant gloves is recommended.

- Body protection** : Personal protective equipment for the body should be selected according to the risks associated with the task.

## 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Wear appropriate respirator when ventilation is inadequate.

## 9. Physical and chemical properties

### Appearance

- Physical state** : Solid.
- Color** : Brown.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Not available.
- Burning time** : Not available.
- Burning rate** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Explosion limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 1.128
- Solubility** : Not available.
- Partition coefficient: n-octanol/  
water** : Not available.
- Decomposition temperature** : Not available.

## 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# 11. Toxicological information

## Information on toxicological effects

### Acute toxicity

Not available.

### Irritation/Corrosion

| Product/ingredient name | Result                 | Species | Score | Exposure                            | Observation |
|-------------------------|------------------------|---------|-------|-------------------------------------|-------------|
| Triethanolamine         | Eyes - Mild irritant   | Rabbit  | -     | 10 milligrams                       | -           |
|                         | Eyes - Severe irritant | Rabbit  | -     | 20 milligrams                       | -           |
|                         | Skin - Mild irritant   | Human   | -     | 72 hours 15 milligrams Intermittent | -           |
|                         | Skin - Severe irritant | Mouse   | -     | 50 Percent                          | -           |
|                         | Skin - Mild irritant   | Rabbit  | -     | 24 hours 560 milligrams             | -           |
|                         |                        |         |       |                                     |             |

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

| Name            | Category   | Route of exposure | Target organs                |
|-----------------|------------|-------------------|------------------------------|
| Triethanolamine | Category 3 | Not applicable.   | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

## 11. Toxicological information

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Potential chronic health effects

Not available.

|                              |   |
|------------------------------|---|
| <b>General</b>               | : No known significant effects or critical hazards. |
| <b>Chronic effects</b>       | : No known significant effects or critical hazards. |
| <b>Carcinogenicity</b>       | : No known significant effects or critical hazards. |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards. |
| <b>Teratogenicity</b>        | : No known significant effects or critical hazards. |
| <b>Developmental effects</b> | : No known significant effects or critical hazards. |
| <b>Fertility effects</b>     | : No known significant effects or critical hazards. |

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## 12. Ecological information

### Toxicity

Not available.

### Persistence/degradability

Not available.

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Triethanolamine         | -1                 | -   | low       |

**Other adverse effects** : No known significant effects or critical hazards.

## 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

Not regulated.

## 15. Regulatory information

### Japan Control Law

|   |                   |                            |                  |
|---|-------------------|----------------------------|------------------|
| <b>Explosives Control Law</b>                   | : Not applicable. |                            |                  |
| <b>High Pressure Gas Control Law</b>            | : Not available.  |                            |                  |
| <b>Fire Service Law</b>                         | : Not available.  | <b>Designated quantity</b> | : Not available. |
| <b>Fire Service Law</b>                         | : Not available.  | <b>Designated quantity</b> | : Not available. |
| <b>Substance to report</b>                      | : Not applicable. | <b>Designated quantity</b> | : Not available. |
| <b>Fire Service Law - Obstructive materials</b> | : Not listed      |                            |                  |
| <b>Characteristics</b>                          | : Not available.  |                            |                  |
| <b>Danger class</b>                             | : Not available.  |                            |                  |

### Poisonous and Deleterious Substances

No known significant effects or critical hazards.

|  |                   |
|--|-------------------|
| <b>Use of specified chemical substances</b>                                      | : Not available.  |
| <b>ISHL</b>  | : Not available.  |
| <b>Organic solvents poisoning prevention</b>                                     | : Not available.  |
| <b>Lead regulation</b>   | : Not applicable. |
| <b>Occupational diseases</b>   | : Not available.  |
| <b>Law Concerning Prevention of Pollution of the Ocean and Maritime Disaster</b> | : Not available.  |
| <b>Notification Regulating Transportation of Dangerous Materials by Sea</b>      | : Not available.  |
|  | Not applicable.   |
| <b>Civil Aeronautics Law</b>   | : Not available.  |
| <b>Pollutant Release and Transfer Registers (PRTR)</b>                           | : Not listed      |
| <b>Road law</b>  | : Not available.  |
| <b>Prevention of Tetraalkyl Lead Poisoning</b>                                   | : Not listed      |
| <b>Harmful Substances Subject to Obtaining Permission for Manufacturing</b>      | : Not listed      |
| <b>Harmful Substances, Prohibited for Manufacturing</b>                          | : Not listed      |
| <b>ISHL Chemicals requiring notification</b>                                     | : Listed          |
| <b>Dangerous Substances</b>  | : Not listed      |

## 15. Regulatory information

**List of Specially  
Controlled Industrial Waste** : Not listed

### Chemical Substances Control Law (CSCL)

Not available.

**Biodegradability** : Not available.

**Concentration of  
chemicals accumulated in  
fish** : Not available.

**Japan inventory** :  **Japan inventory (ENCS)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.

**Other regulations** : Not available.

**Safety, health and  
environmental regulations  
specific for the product** : No known specific national and/or regional regulations applicable to this product  
(including its ingredients).

## 16. Other information

### History

**Date of issue/Date of revision** : 25/01/2022

**Date of previous issue** : 03/06/2015

**Version** : 1.01

Indicates information that has changed from previously issued version.

### Notice to reader

This Safety Data Sheet contains information based on the state of our knowledge relating to the product concerned, at the date indicated.

Moreover the attention of the users is drawn to the possibility of risks when a product is used for uses other than those for which it is conceived.

It does not exempt in any case the user to know and apply the whole of the texts regulating its activity. It is the user's sole responsibility to learn about the precautions related to the use of this product.

The purpose of the information mentioned is simply to help the recipient fulfil their obligations during the use of the dangerous product.