

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 1 of 9

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Thinner G Cobra.  
Product Code : N o n e.  
Product Use Descriptions: REDUCER FOR PU COATINGS.  
Company : PT MUSTIKA CARAKA LAKSANA  
Komplek Duta Harapan Indah Blok O/6  
Jl.Kapuk Muara  
Jakarta  
Telephone : (021)6623190, 6605316 Office  
(021)5918627, 5919405 Factory

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Components            | % weight |
|-----------------------|----------|
| Special Boiling Point | 8 - 10   |
| Acetone               | 8 - 10   |
| Buthyl Acetate        | 18 - 22  |
| Buthyl Carbitol       | 3 - 4    |
| Toluene               | 35 - 45  |
| Glycol Acetate        | 7 - 9    |
| Butyl Cellosolve      | 11 - 13  |

## 3. HAZARDS IDENTIFICATION

Classification : Flammable liquids.

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 2 of 9

---

## Potential Health Effects

- Inhalation : Vapor resulting from evaporation is irritating and may cause a burning sensation to eyes, accompanied by excess tear formation. Irritation of the nose and throat, with coughing and excesses formation of phlegm, and possibly nausea and vomiting. In addition, high concentration may cause sleepiness, drowsiness, slurred speech, incoordination, headache, and possibly unconsciousness.
- Eye contact : Mild to moderately irritating. Immediate stinging and pain with reddening and possible swelling with possible swelling of conjunctiva, excess tear formation, and blinking.
- Skin contact : Brief contact may cause slight irritation with itching and local redness. Prolong contact may cause more severe irritation, with discomfort or pain, local redness and swelling, and possible tissue destruction.
- Ingestion : If swallowed may cause headache, dizziness, incoordination, nausea, diarrhea, and general weakness.
- Signs and Symptoms: Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision. Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters. Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 3 of 9

---

## Aggravated Medical Condition

Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Preexisting skin and respiratory tract allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

---

## 4. FIRST AID MEASURES

|              |                                                                                                                                                                                                                                                                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact  | : Flush eyes with plenty of water at least 15 minutes while holding eyelids open. Call a physician if signs of irritation appear.                                                                                                                                             |
| Skin contact | : Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if readily available, or follow by thoroughly washing with soap and water. Do not reuse clothing until thoroughly decontaminated. |
| Ingestion    | : Do not induce vomiting. Give one glass of water unless victim is drowsy, convulsing, or unconscious. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical attention immediately.                                                      |
| Inhalation   | : Remove victim to fresh water and provide oxygen if breathing is difficult. Get medical attention.                                                                                                                                                                           |

---

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 4 of 9

---

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Extinguish fires with water spray, alcohol-resistant foam, or fog for large alcohol-resistant foam, or fog for large fire. Dry chemical powder, carbon dioxide, sand or earth may be used for small fire only. Do not discharge extinguishing waters into the aquatic environment.

Unusual fire and explosion : Isolate from heat, electrical equipment, explosion sparks and opened flame. Wear self-contained breathing apparatus.

---

## 6. ACCIDENTAL RELEASE MEASURES

### Land Spill

- Eliminate sources of ignition. Warn occupants of downwind areas of fire and explosion hazard. Prevent liquid from entering sewers, watercourses, or low areas.
- Keep public away. Shut off source if possible to do so without hazard. Advise authorities if substance has entered the watercourse or sewer or has contaminated soil or vegetation. Take measures to minimize the effect on the ground water.
- Contain spilled liquid with sand or earth.
- Dilute contained spill with water.
- Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. If liquid is too viscous for pumping, scrape up with shovels or pails and place in suitable containers for recycle or disposal.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 5 of 9

---

## Water Spill

- Eliminate sources of ignition. Warn occupants and shipping in downwind areas of fire and explosion hazard and request them to stay clear.
  - Hose over spill areas to effect dilution of water soluble material.
  - Consult an expert on disposal of any recovered material and ensure conformity to local disposal regulations.
- 

## 7. HANDLING AND STORAGE

### Handling

Keep ignition sources away, do not smoke. Protect against electrostatic charges. Avoid contact with skin and eyes. Use only in well-ventilated areas. Avoid breathing vapors and/or aerosols. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink, or smoke.

### Storage

Store in cool, dry place with adequate ventilation, Keep away from open flame and high temperature. Do not pressurize containers to empty them. Keep container tightly sealed.

---

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 6 of 9

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering control : The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise to maintain ambient concentration below the recommended threshold exposure limits. Use explosion-proof ventilation equipment.
- Respiratory protection : It is recommended to use a half face filter mask to protect from overexposure by inhalation. Suitable filter material depends on the amount and type of chemicals being handled in the workplace, but filter material of type "A" or similar may be considered for use.
- Hand protection : When handling this product, it is recommended to wear chemical resistant gloves. The choice of suitable protective gloves depends on work conditions and what chemical are handled, but we have positive experience with gloves made of Nitrile. Glove should be replaced immediately if sign of degradation is observed.
- Eye protection : Full face shield with goggles underneath. Chemical resistant goggles must be worn.

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 7 of 9

---

Skin and body protection: Impervious clothing.  
Full rubber suit (rain gear).  
Rubber or plastic boots.  
Long sleeve shirts and trousers  
without cuffs.  
Slicker suit.

Environmental exposure : Local guidelines on emission limits  
Control for volatile substances must be  
observed for the discharge of exhaust  
air containing vapor.

Special instructions for: Discard contaminated leather articles.  
protection and hygiene Provide readily accessible eye wash  
stations and safety showers. Wash  
at the end of each work shift and  
before eating, smoking or using the  
toilet.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquids.

Appearance : Transparent.

Specific gravity :  $0.86 \pm 0.02$ .

Vapor pressure : **16 kPa at 55 °C.**

PH : Not applicable.

Boiling point/range : 63 - 204 °C.

Flash point : -15 °C (Abel closed cup).

---

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 8 of 9

---

## 10. STABILITY AND REACTIVITY

Stability : Stable under normal condition.

Conditions and materials: This product is normally stable and is to avoid not reactive with water. Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials (acids, amines, combustible materials, oxidizing materials)

Hazardous decomposition : Carbon monoxide.  
products

---

## 11. TOXICOLOGICAL INFORMATION

Acute Health Hazard

Ingestion : No data is available on the product  
Itself.

Inhalation : No data is available on the product  
itself.

Skin : No data is available on the product  
itself.

Eye irritation/corrosion: Mild eye irritation.

Acute dermal Irritation/: Mild skin irritation.  
corrosion

# Material Safety Data Sheet

MSDS Number : 6000000238  
Prepared date : November 30, 2022  
Print date : November 30, 2022

Page 9 of 9

---

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

Toxicity to other Organisms : No data available.

### Persistence and degradability

Mobility : No data available.

Bioaccumulation : No data is available on the product itself.

---

