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Version 1.02

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier****Product name** PARTEZE MOLD RELEASE**Recommended use of the chemical and restrictions on use****Product code** F00395**Product Type** Extremely Flammable Aerosol
Synonyms None**Supplier's details****Recommended Use** Mold Release Agent.
Uses advised against No information available**Manufactured For:**
Kano Laboratories
1000 East Thompson Lane
Nashville, TN 37211**Emergency telephone number**
Chemical Emergency Phone Number Chemtrec 1-800-424-9300
Company Emergency Phone Number 615-833-4101

2. HAZARDS IDENTIFICATION

Classification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.


| | |
|--|----------------|
| Skin corrosion/irritation | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity | Category 1 |
| Flammable aerosols | Category 1 |
| Gases under pressure | Compressed Gas |

GHS Label elements, including precautionary statements

Emergency Overview

DANGER

Hazard Statements
 Causes skin irritation
 May cause respiratory irritation. May cause drowsiness or dizziness.
 May be fatal if swallowed and enters airways
 Extremely Flammable Aerosol
 Contains gas under pressure; may explode if heated



Appearance Clear **Physical state** Aerosol **Odor** Solvent

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Wear protective gloves
 Avoid breathing mist/vapors/spray.
 Use only outdoors or in a well-ventilated area
 Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
 Do not spray on an open flame or other ignition source.
 Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

Specific treatment (see first aid on this label)
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse
 IF INHALED : Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell
 IF SWALLOWED: Immediately call a poison center/doctor
 Do NOT induce vomiting.

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed.
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None

Other information

0% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight %* |
|----------------------------|------------|-----------|
| HEPTANE | 64742-49-0 | 40-50 |
| PETROLEUM DISTILLATES | 64742-47-8 | 20-30 |
| PROPANE/ISOBUTANE/N-BUTANE | 68476-86-8 | 20-30 |
| DIMETHYL POLYSILOXANE | 63148-62-9 | 1-10 |
| WHITE MINERAL OIL | 8042-47-5 | 1-10 |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

| | |
|-----------------------|---|
| General advice | Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| Skin contact | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur. If skin irritation persists, call a physician. |
| Inhalation | Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately. |
| Ingestion | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately. Risk of product entering the lungs on vomiting after ingestion. |

Most important symptoms/effects, acute and delayed

| | |
|----------------------|---|
| Main Symptoms | Causes skin irritation. . May cause eye and respiratory irritation. May cause drowsiness or dizziness. Harmful if swallowed and enters airways. |
|----------------------|---|

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

| | |
|---------------------------|------------------------|
| Notes to physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog. Dry chemical. Carbon Dioxide (CO₂). Cool containers/tanks with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition.

Explosion Data

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate ventilation to keep the exposure levels below the OELS.

Environmental precautions

Environmental precautions Vapors can accumulate in low areas. Do not allow material to contaminate ground water system. Prevent product from entering drains. Report spills as required by local and federal regulations.

Methods and materials for containment and cleaning up

Methods for Containment Cover liquid and collect with an inert non-combustible material. Soak up with inert absorbant material. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment. Dam up. Cover liquid spill with sand, earth, or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

Incompatible products Strong acids, alkalis, oxidizing agents.

Aerosol Level 3

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------|-------------------------------|--------------|------------|
| HEPTANE 64742-49-0 | TLV: 400 ppm STEL: 500 ppm | TWA: 500 ppm | - |

| | | | |
|--|---|---|---|
| PROPANE/ISOBUTANE/N-BUTANE 68476-86-8 | 74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm | 74-98-6:TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | 74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ 106-97-8:TWA: 800 ppm TWA: 1900 mg/m ³ 75-28-5:TWA: 800 ppm TWA: 1900 mg/m ³ |
|--|---|---|---|

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Exposure controls

Engineering Measures Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Safety glasses with side-shields.
- Skin and body protection** Chemical resistant apron. Protective gloves.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

| | | | |
|-----------------------|-----------|-----------------------|---------|
| Physical state | Aerosol | Odor | Solvent |
| Appearance | Clear | Odor Threshold | |
| Color | Colorless | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|---|--------------------------|--------------------------|
| pH | No information available | |
| Melting/freezing point | No information available | |
| Boiling point/boiling range | | |
| Flash Point | -96.4 °C / -141 °F | Based on propellant |
| Evaporation rate | No information available | |
| Flammability (solid, gas) | No information available | |
| Flammability Limits in Air | | |
| upper flammability limit | | |
| lower flammability limit | | |
| Vapor pressure | | |
| Vapor density | | |
| Specific Gravity | 0.704 | |
| Water solubility | Practically insoluble | |
| Partition coefficient: n-octanol/water | | |
| Autoignition temperature | No information available | Not applicable |
| Decomposition temperature | | |
| Viscosity | No information available | |
| Explosive properties | | |

Other information

VOC Content(%) 90

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong acids, alkalis, oxidizing agents.

Hazardous Decomposition Products

Carbon oxides , Hydrocarbons, Fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|---------------------|---|
| Inhalation | Avoid inhaling vapors or mists. Exposure to high vapor concentrations may cause nervous systems effects such as headache, nausea, and dizziness. May cause irritation to respiratory tract. |
| Eye contact | May cause eye irritation. |
| Skin contact | Avoid contact with skin. Irritating to skin. |
| Ingestion | Harmful and may be fatal if swallowed and enters airways and lungs. |

Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|----------------------|-------------------------|-------------------------|
| HEPTANE 64742-49-0 | > 5000 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 73680 ppm (Rat) 4 h |
| PETROLEUM DISTILLATES 64742-47-8 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| PROPANE/ISOBUTANE/N-BUTANE 68476-86-8 | - | - | =31mg/L (Rat) 4 hr |
| WHITE MINERAL OIL 8042-47-5 | > 5000 mg/kg (Rat) | - | - |

Information on toxicological effects

Symptoms Causes skin irritation. May cause eye and respiratory irritation . May cause drowsiness and dizziness. Harmful if swallowed and enters airways .

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|----------------------------------|--|
| Skin corrosion/irritation | Irritating to skin. |
| Eye damage/irritation | May be irritating to eyes. |
| Irritation | May cause skin, eye, and respiratory irritation. |
| Sensitization | No information available. |
| Germ Cell Mutagenicity | Not a germ cell mutagen. |

| | |
|--|--|
| Carcinogenicity | There are no carcinogenic chemicals in this product. |
| Reproductive toxicity | This product does not contain any known or suspected reproductive hazards. |
| Specific target organ systemic toxicity (single exposure) | May cause respiratory irritation. May cause drowsiness and dizziness. |
| Specific target organ systemic toxicity (repeated exposure) | No information available. |
| Chronic toxicity | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. |
| Target Organ Effects | Central Nervous System, Eyes, Skin, and Respiratory System. |
| Neurological effects | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. |
| Aspiration hazard | May be harmful if swallowed and enters airways. |

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 5435 mg/kg

ATEmix (dermal) 6876 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|--|-------------------|---|----------------------------|---|
| PETROLEUM DISTILLATES 64742-47-8 | - | 45 mg/L LC50 Pimephales promelas 96h flow-through 2.2 mg/L LC50 Lepomis macrochirus 96h static 2.4 mg/L LC50 Oncorhynchus mykiss 96h static | - | - |
| PROPANE/ISOBUTANE/N-BUTANE 68476-86-8 | - | - | - | - |
| DIMETHYL POLYSILOXANE 63148-62-9 | - | - | - | >10,000mg/L EC50 Daaphina magna 48 h |
| WHITE MINERAL OIL 8042-47-5 | - | 10000 mg/L LC50 Lepomis macrochirus 96h | - | - |

Persistence and degradability

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Bioaccumulation

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| Chemical Name | log Pow |
|--|---------|
| PROPANE/ISOBUTANE/N-BUTANE 68476-86-8 | ≤2.8 |
| WHITE MINERAL OIL 8042-47-5 | >6 |

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment**Waste Disposal Methods**

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground CONSUMER COMMODITY ORM-D
or
LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.

IMDG UN1950, AEROSOLS, 2.1, LTD.QTY

15. REGULATORY INFORMATION

International Inventories

| Chemical Name | TSCA | DSL/NDSL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|--------------------------------|------|----------|-------------------|------------|-------|------|-------|------|
| HEPTANE | X | X | X | Not listed | X | X | X | X |
| PETROLEUM DISTILLATES | X | X | X | x | X | X | X | X |
| PROPANE/ISOBUTA NE/N-BUTANE | X | X | X | x | X | X | X | X |
| DIMETHYL POLYSILOXANE | X | X | Not listed | x | X | X | X | X |
| WHITE MINERAL OIL | X | X | X | Not listed | X | X | X | X |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Star Hazard | Yes |
| Fire Hazard | Yes |
| Sudden Release of Pressure Hazard | Yes |
| Reactive Hazard | no |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any known Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Hazard Class

- A Compressed gases
- B5 Flammable aerosol
- D2B Toxic materials

16. OTHER INFORMATION

| | | | | |
|-----------------------------------|------------------|--|-------------------|---------------------------------|
| <u>NFPA</u> | Health Hazard 2 | Flammability 4 | Instability 0 | Physical and chemical hazards - |
| <u>HMIS</u> | Health Hazard 2* | Flammability 4 | Physical Hazard 1 | Personal protection B |
| <i>Chronic Hazard Star Legend</i> | | <i>Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system damage</i> | | |

| | |
|----------------------|--------------------|
| Prepared By | Regulatory Affairs |
| Issuing date | 10-Oct-2017 |
| Revision Date | 10-Oct-2017 |
| Revision Note | |

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet