

Revision Date: 7/16/2025

# Rust-Oleum Industrial Flooring Multi Component Product Information Sheet

# 399588 LGC-UL80 4GAL KIT is a multi component product composed of the following individual chemical components:

390059A ASPARTIC PART A 390059B ASPARTIC PART B

SDSs for each component follow this cover sheet.

# **Transportation Information**

| UN Number:            | Domestic (USDOT)<br>N.A. | International (IMDG)<br>N.A. | <u>Air (IATA)</u><br>N.A. | TDG (Canada)<br>N.A. |
|-----------------------|--------------------------|------------------------------|---------------------------|----------------------|
| Proper Shipping Name: | Not Regulated            | Not Regulated                | Not Regulated             | Not Regulated        |
| Hazard Class:         | N.A.                     | N.A.                         | N.A.                      | N.A.                 |
| Packing Group:        | N.A.                     | N.A.                         | N.A.                      | N.A.                 |
| Limited Quantity:     | No                       | No                           | No                        | No                   |

Finished Good Schedule B Harmonized Tariff Code 2921.21.0000

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# Safety Data Sheet



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## 1. Identification

Name on Label: No Information

**Product Name:** ASPARTIC PART A **Revision Date:** 8/22/2023

**Product Identifier:** 390059A Supercedes Date: **New SDS** 

Recommended Use: Industrial Floor Coating Part A

Rust-Oleum Industrial Flooring Supplier:

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Preparer: Regulatory Department

24 Hour Hotline: 847-367-7700 **Emergency Telephone:** 

Rust-Oleum Industrial Flooring Manufacturer:

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

#### 2. Hazard Identification

#### Classification

Symbol(s) of Product





Signal Word Danger

#### **GHS Hazard Statements**

H227 Flammable Liquid, category 4 Combustible liquid

H317 Skin Sensitizer, category 1 May cause an allergic skin reaction.

H332 Harmful if inhaled. Acute Toxicity, Inhalation, category 4

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. Respiratory Sensitizer, category 1

STOT, Single Exposure, category 3, RTI H335 May cause respiratory irritation.

**GHS Label Precautionary Statements** 

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P223 Do not allow contact with water.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves / protective clothing / eye protection / face protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P317 Get medical help. Date Printed: 7/16/2025 Page 2 / 5

P321 Specific treatment (see notice on this label). P333+P317 If skin irritation or rash occurs: Get medical help. P342+P316 If experiencing respiratory symptoms: Get emergency medical help immediately. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Extinguish using suitable extinguishing media. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional and national regulations.

# 3. Composition / Information on Ingredients

#### HAZARDOUS SUBSTANCES

| <u>Chemical Name</u>                                | CAS-No.    | Wt.%<br>Range | GHS Symbols           | GHS Statements               |
|---|------------|---------------|-----------------------|------------------------------|
| Hexamethylene Diisocyanate Homopolymer              | 28182-81-2 | 60-80         | GHS07-GHS08           | H317-332-334-335             |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate | 88917-22-0 | 10-30         | Not Available         | Not Available                |
| Dimethyl Glutarate                                  | 1119-40-0  | 3.0-7.0       | Not Available         | Not Available                |
| Dimethyl Adipate                                    | 627-93-0   | 1.0-5.0       | Not Available         | Not Available                |
| Hexamethylene Diisocyanate                          | 822-06-0   | 0.1-1.0       | GHS06-GHS07-<br>GHS08 | H302-315-317-319-330-334-335 |

Actual concentrations of ingredients are withheld as trade secret.

#### 4. First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

First Aid - Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. If swallowed, get medical attention.

### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

Unusual Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor.

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

#### Accidental Release Measures

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Steps to Be Taken If Material Is Released or Spilled: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

# Handling and Storage

**Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**Storage:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

# 8. Exposure Controls / Personal Protection

| Chemical Name   | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Hexamethylene Diisocyanate<br>Homopolymer               | 28182-81-2 | 75.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Propanol, 1(or 2)-(2-<br>methoxymethylethoxy)-, acetate | 88917-22-0 | 25.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Dimethyl Glutarate                                      | 1119-40-0  | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Dimethyl Adipate  | 627-93-0   | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Hexamethylene Diisocyanate                              | 822-06-0   | 1.0                   | 0.005 ppm         | N.E.               | N.E.         | N.E.                 |

#### PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**Hygienic Practices:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

# 9. Physical and Chemical Properties

| Physical State              | Liquid  |                | Decomposition Temperature, °C          | N.D.              |
|-----------------------------|---------|----------------|--|-------------------|
| Color                       |         | No Information | pH                                     | N.A.              |
| Odor                        |         | Characteristic | Kinematic Viscosity                    | N.D.              |
| Odor Threshold              |         | N.E.           | Solubility in Water                    | Water Reactive    |
| Freezing Point / Melting Po | int, °C | N.D.           | Partition Coefficient, n-octanol/water | N.D.              |
| Boiling Range, °C           |         | 203 - 537      | Vapor Pressure                         | N.D.              |
| Flammability                | Support | s Combustion   | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol% | •       | 1.2            | Specific Gravity                       | 1.109             |
| Upper Explosion Limit, vol% | •       | 5.4            | Vapor Density                          | Heavier than Air  |
| Flash Point, °C             |         | 87             | B 41 01                                |                   |
| Auto-Ignition Temperature,  | °C      | N.D.           | Particle Characteristics               | No Information    |

(See "Other information" Section for abbreviation legend)

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## 10. Stability and Reactivity

Conditions to Avoid: Avoid excess heat. Keep from freezing.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

### 11. Toxicological Information

Effects of Overexposure - Eye Contact: Substance causes moderate eye irritation. Irritating, and may injure eye tissue if not removed promptly.

**Effects of Overexposure - Skin Contact:** Substance may cause slight skin irritation. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Low hazard for usual industrial handling or commercial handling by trained personnel.

**Effects of Overexposure - Inhalation:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. May cause allergic respiratory reaction.

Effects of Overexposure - Ingestion: Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** Overexposure may cause lung damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

#### **ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No.                           | Chemical Name  | Oral LD50   | Dermal LD50   | Vapor LC50                           |
|-----------------------------------|--|---|---|--------------------------------------|
| 28182-81-2                        | Hexamethylene Diisocyanate Homopolymer                               | N.E.  | >2000 mg/kg Rat   | 18.5 mg/L Rat                        |
| 88917-22-0                        | Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate                  | N.E.  | >5000 mg/kg Rabbit  | 25 mg/L Rat                          |
| 1119-40-0<br>627-93-0<br>822-06-0 | Dimethyl Glutarate<br>Dimethyl Adipate<br>Hexamethylene Diisocyanate | >5000 mg/kg Rat<br>>5000 mg/kg Rat<br>738 mg/kg Rat | >5000 mg/kg Rabbit<br>>5000 mg/kg Rabbit<br>>7000 mg/kg Rat | 25 mg/L<br>>20 mg/L<br>0.06 mg/L Rat |

N.E. - Not Established

# 12. Ecological Information

Ecological Information: Product is a mixture of listed components. No ecotoxicity data was found for this product.

## 13. Disposal Considerations

**Disposal:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers.

### 14. Transport Information

| UN Number:            | Domestic (USDOT)<br>N.A. | International (IMDG)<br>N.A. | <u>Air (IATA)</u><br>N.A. | TDG (Canada)<br>N.A. |
|-----------------------|--------------------------|------------------------------|---------------------------|----------------------|
| Proper Shipping Name: | Not Regulated            | Not Regulated                | Not Regulated             | Not Regulated        |
| Hazard Class:         | N.A.                     | N.A.                         | N.A.                      | N.A.                 |
| Packing Group:        | N.A.                     | N.A.                         | N.A.                      | N.A.                 |
| Limited Quantity:     | No                       | No                           | No                        | No                   |

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# 15. Regulatory Information

### U.S. Federal Regulations:

#### **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Acute Toxicity (any route of exposure), Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

#### **SARA Section 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical NameCAS-No.Hexamethylene Diisocyanate822-06-0

#### **Toxic Substances Control Act**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

#### 16. Other Information

**HMIS RATINGS** 

Health: 2\* Flammability: 2 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 2 Instability: 0

Volatile Organic Compounds: 323 g/L SDS REVISION DATE: 8/22/2023

**REASON FOR REVISION:** 

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

Rust-Oleum Industrial Flooring believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Industrial Flooring makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

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# Safety Data Sheet



\* Trusted Quality Since 1921 \* www.rustoleum.com

## 1. Identification

Name on Label: No Information

Product Name: ASPARTIC PART B Revision Date: 8/22/2023

Product Identifier: 390059B Supercedes Date: New SDS

Recommended Use: Industrial Flooring Part B

Supplier: Rust-Oleum Corporation Manufacturer: Rust-Oleum Corporation 11 Hawthorn Parkway 11 Hawthorn Parkway

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Vernon Hills, IL 60061

USA

Preparer: Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

## 2. Hazard Identification

#### Classification

Symbol(s) of Product





Signal Word Danger

#### Possible Hazards

99% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### **GHS Hazard Statements**

Flammable Liquid, category 4 H227 Combustible liquid

Skin Sensitizer, category 1 H317 May cause an allergic skin reaction.

Germ Cell Mutagenicity, category 1B H340 May cause genetic defects.

Carcinogenicity, category 1B H350 May cause cancer.

Reproductive Toxicity, category 2 H361 Suspected of damaging fertility or the unborn child.

**GHS Label Precautionary Statements** 

P201 Obtain special instructions before use.

P203 Obtain, read, and follow all safety instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P308+P313 IF exposed or concerned: Get medical advice/attention.

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P308+P316 IF exposed or concerned: Get emergency medical help immediately.

P321 Specific treatment (see notice on this label).
P333+P317 If skin irritation or rash occurs: Get medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Extinguish using suitable extinguishing media.
P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional and national regulations.

# 3. Composition / Information on Ingredients

#### **HAZARDOUS SUBSTANCES**

| Chemical Name  | CAS-No.         | Wt.%<br>Range | GHS Symbols   | GHS Statements   |
|--|-----------------|---------------|---------------|------------------|
| Modified Amine   | PROPRIETA<br>RY | 45-70         | GHS07         | H317             |
| Modified Amine   | PROPRIETA<br>RY | 10-30         | GHS07         | H317             |
| Dimethyl Glutarate   | 1119-40-0       | 5.0-10        | Not Available | Not Available    |
| Cyclohexanemethanamine, 1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene) amino]- | 54914-37-3      | 3.0-7.0       | Not Available | Not Available    |
| Diethyl Fumarate   | 623-91-6        | 1.0-5.0       | GHS07         | H302             |
| Dimethyl Adipate   | 627-93-0        | 1.0-5.0       | Not Available | Not Available    |
| bis(1,2,2,6,6-Pentamethyl-4-Piperidinyl) Sebacate  | 41556-26-7      | 0.1-1.0       | GHS07-GHS08   | H317-361         |
| Naphtha (Petroleum), Heavy Alkylate  | 64741-65-7      | 0.1-1.0       | GHS06-GHS08   | H304-331-340-350 |
| Methyl(1,2,2,6,6-Pentamethyl-4-Piperidinyl)<br>Sebacate  | 82919-37-7      | 0.1-1.0       | GHS07-GHS08   | H317-361         |

Actual concentrations of ingredients are withheld as trade secret.

#### 4. First Aid Measures

**First Aid - Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

First Aid - Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**First Aid - Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**First Aid - Ingestion:** If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. If swallowed, get medical attention.

# 5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

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**Unusual Fire and Explosion Hazards:** Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor.

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

#### Accidental Release Measures

Steps to Be Taken If Material Is Released or Spilled: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

### Handling and Storage

**Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**Storage:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

# 8. Exposure Controls / Personal Protection

| Chemical Name   | CAS-No.     | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|---|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Modified Amine  | PROPRIETARY | 55.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Modified Amine  | PROPRIETARY | 30.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Dimethyl Glutarate  | 1119-40-0   | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Cyclohexanemethanamine, 1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]- | 54914-37-3  | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Diethyl Fumarate  | 623-91-6    | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Dimethyl Adipate  | 627-93-0    | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| bis(1,2,2,6,6-Pentamethyl-4-<br>Piperidinyl) Sebacate   | 41556-26-7  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Naphtha (Petroleum), Heavy<br>Alkylate  | 64741-65-7  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Methyl(1,2,2,6,6-Pentamethyl-4-<br>Piperidinyl) Sebacate  | 82919-37-7  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |

#### PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**Hygienic Practices:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

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# 9. Physical and Chemical Properties

| Physical State              | Liquid  |                | Decomposition Temperature, °C          | N.D.              |
|-----------------------------|---------|----------------|--|-------------------|
| Color                       |         | No Information | рН                                     | N.A.              |
| Odor                        |         | Amine          | Kinematic Viscosity                    | N.D.              |
| Odor Threshold              |         | N.E.           | Solubility in Water                    | Soluble           |
| Freezing Point / Melting Po | int, °C | N.D.           | Partition Coefficient, n-octanol/water | N.D.              |
| Boiling Range, °C           |         | 200 - 537      | Vapor Pressure                         | N.D.              |
| Flammability                | Suppor  | ts Combustion  | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol9 | 6       | N.A.           | Specific Gravity                       | 1.048             |
| Upper Explosion Limit, vol9 | 6       | N.A.           | Vapor Density                          | Heavier than Air  |
| Flash Point, °C             |         | 82             |  |                   |
| Auto-Ignition Temperature,  | °C      | N.D.           | Particle Characteristics               | No Information    |
|                             |         |                |  |                   |

(See "Other information" Section for abbreviation legend)

# 10. Stability and Reactivity

Conditions to Avoid: Avoid excess heat. Keep from freezing.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

# 11. Toxicological Information

**Effects of Overexposure - Eye Contact:** Can cause severe eye irritation. Substance causes moderate eye irritation. Irritating, and may injure eye tissue if not removed promptly.

**Effects of Overexposure - Skin Contact:** Substance may cause slight skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Corrosive; causes skin burning. Low hazard for usual industrial handling or commercial handling by trained personnel.

**Effects of Overexposure - Inhalation:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

Effects of Overexposure - Ingestion: Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

Effects of Overexposure - Chronic Hazards: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. May cause genetic defects. May damage fertility or the unborn child.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

#### **ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No.    | Chemical Name                              | Oral LD50       | Dermal LD50        | Vapor LC50     |
|------------|--|-----------------|--------------------|----------------|
| 1119-40-0  | Dimethyl Glutarate                         | >5000 mg/kg Rat | >5000 mg/kg Rabbit | 25 mg/L        |
| 54914-37-3 | Cyclohexanemethanamine, 1,3,3-trimethyl-N- |                 |                    |                |
|            | (2-methylpropylidene)-5-[(2-               | N.E.            | >5000 mg/kg Rat    | N.E.           |
|            | methylpropylidene)amino]-                  |                 |                    |                |
| 623-91-6   | Diethyl Fumarate                           | 1780 mg/kg Rat  | N.E.               | N.E.           |
| 627-93-0   | Dimethyl Adipate                           | >5000 mg/kg Rat | >5000 mg/kg Rabbit | >20 mg/L       |
| 41556-26-7 | bis(1,2,2,6,6-Pentamethyl-4-Piperidinyl)   | 2615 mg/kg Rat  | N.E.               | N.E.           |
|            | Sebacate                                   | 2010 mg/kg rkat | 14.2.              | 14.2.          |
| 64741-65-7 | Naphtha (Petroleum), Heavy Alkylate        | >7000 mg/kg Rat | >2000 mg/kg Rabbit | >5.04 mg/L Rat |

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## 12. Ecological Information

Ecological Information: Product is a mixture of listed components. No ecotoxicity data was found for this product.

### 13. Disposal Considerations

**Disposal:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers.

# 14. Transport Information

| UN Number:                                     | Domestic (USDOT) | International (IMDG) | Air (IATA)    | TDG (Canada)  |
|--|------------------|----------------------|---------------|---------------|
|  | N.A.             | N.A.                 | N.A.          | N.A.          |
| Proper Shipping Name:                          | Not Regulated    | Not Regulated        | Not Regulated | Not Regulated |
| Hazard Class: Packing Group: Limited Quantity: | N.A.             | N.A.                 | N.A.          | N.A.          |
|  | N.A.             | N.A.                 | N.A.          | N.A.          |
|  | No               | No                   | No            | No            |

# 15. Regulatory Information

## **U.S. Federal Regulations:**

#### **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Reproductive toxicity, Respiratory or Skin Sensitization, Germ cell mutagenicity

#### **SARA Section 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### **Toxic Substances Control Act**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

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#### 16. Other Information

**HMIS RATINGS** 

Health: 2\* Flammability: 2 Physical Hazard: 0 Personal Protection: X

**NFPA RATINGS** 

Health: 2 Flammability: 2 Instability: 0

Volatile Organic Compounds: 108 g/L SDS REVISION DATE: 8/22/2023

**REASON FOR REVISION:** 

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.