

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Food Grade Grease
 Item number: 51252
 Product Type: Lubricant
 Company Address: Henkel Loctite Corporation
 1001 Trout Brook Crossing
 Rocky Hill, Connecticut. 06067
 Medical Emergency Number: (860) 571-5100
 Fax: (860) 571-5465

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%	Exposure Limits
Mineral oil	8042-47-5	60-80	TWA: 5 STEL: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA
Calcium carbonate	471-34-1	5-10	TWA: 10 mg/m3 ACGIH total TWA: 15 mg/m3 OSHA total TWA: 5 mg/m3 OSHA respirable
Polybutene	9003-29-6	5-10	Not established.
Zinc oxide	1314-13-2	5-10	TWA: 5 STEL: 10 mg/m3 ACGIH respirable TWA: 10 mg/m3 ACGIH total TWA: 15 mg/m3 OSHA total TWA: 5 mg/m3 OSHA respirable
Aluminum stearoyl benzoyl hydroxide	82980-54-9	5-10	Not established.

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

PHYSICAL STATE: Smooth. Grease. COLOR: White. ODOR: Odorless.

CAUTION! MAY CAUSE EYE IRRITATION.

Potential Health Effects

Eye:

Moderate eye irritation. Redness. Excess tearing.

Skin:

Not expected to be harmful or irritating.

Ingestion:

Not expected to be harmful by ingestion.

Inhalation:

Not available.

Conditions Aggravated by Exposure:

Not available.

Chronic:

Detailed information provided in section 11.

4. FIRST AID MEASURES

Eye:

Immediately flush eyes with plenty of water for at least 15 minutes.
Get medical attention.

Skin:

Not available.

Ingestion:

Keep individual calm. DO NOT induce vomiting. Get medical attention.

Inhalation:

Remove to fresh air. If symptoms develop and persist, get medical attention.

MATERIAL SAFETY DATA SHEET

Page 02 of 04

Product Name: Food Grade Grease
Item No.: 51252

Note to Physician:
None.

5. FIRE FIGHTING MEASURES

Flash Point:

OPEN CUP : 480.F (249.C) ASTM D-92.

Extinguishing Media:

In case of fire, use water spray (fog), foam, dry chemicals, or CO2.

Flammable Limits:

Not available.

Special Fire Fighting Procedures:

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Hazardous Combustion Products:

Irritating and toxic fumes Oxides of carbon. Oxides of nitrogen.
sulfur oxides (SO2, SO3...) Aldehyde.

Unusual Fire or Explosion Hazards:

None.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak:

Soak up with inert absorbent. Store in closed container until disposal.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes.

Storage:

Keep container tightly closed. Keep in a cool and well-ventilated area.

For information on product shelf life, contact Loctite Customer Service at 1(800)243-4874

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use local exhaust ventilation if the potential for airborne exposure exists.

Eye/Face Protection:

Chemical splash goggles or safety glasses with side shields.

Skin Protection:

Chemical resistant, impermeable gloves are recommended.

Respiratory Protection:

Not normally needed. Use a NIOSH approved respirator if the potential for airborne exposure exists.

See Section 2 COMPOSITION/INFORMATION ON INGREDIENTS for exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: White.
Material State: Smooth. Grease.
Odor: Odorless.
Boiling point: 730.F (388.C)
pH: 7
Solubility in Water: Slightly soluble
Specific gravity: 0.9
VOC: Not available.
Vapor Pressure: 0 kPa (@ 20.C)

MATERIAL SAFETY DATA SHEET

Page 03 of 04

Product Name: Food Grade Grease
 Item No.: 51252

Vapor density: >5 (Air = 1)
 Evaporation Rate: <0.01 compared to Butyl acetate.

10. STABILITY AND REACTIVITY

Stability:

Stable.

Conditions to Avoid:

None known

Incompatibility:

None known

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

None known

11. TOXICOLOGY INFORMATION

Product Toxicology Data:

ORAL (LD50): Acute: >5000 mg/kg [Rat].

DERMAL (LD50): Acute: >3160 mg/kg [Rabbit].

Ingredient	Carcinogen		
	NTP	IARC	OSHA
Mineral oil	No	No	No
Calcium carbonate	No	No	No
Polybutene	No	No	No
Zinc oxide	No	No	No
Aluminum stearoyl benzoyl hydroxide	No	No	No

Key to abbreviations:

Not applicable.

Ingredient	Health Effects/Target organs
Mineral oil	Irritant.
Calcium carbonate	Nuisance dust.
Polybutene	No target organs.
Zinc oxide	Blood. Immune system. Irritant. Kidney. Metabolic. Pancreas. Respiratory. Skin. Gastrointestinal. Nervous system.
Aluminum stearoyl benzoyl hydroxide	Not available.

12. ECOLOGICAL INFORMATION

Ecological Information:

None known

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:

Dispose according to EPA and local governmental regulations.

EPA Hazardous Waste Number:

Not applicable.

14. TRANSPORTATION INFORMATION

Domestic Transportation (D.O.T. 49 CFR)-GROUND

Shipping Description:

Not regulated

Exceptions:

Not applicable.

MATERIAL SAFETY DATA SHEET

Page 04 of 04

Product Name: Food Grade Grease
Item No.: 51252

International Air Transportation (ICAO/IATA)-
Shipping description:
Not regulated.

Exceptions:
Not applicable.

Marine pollutant:
None known

15. REGULATORY INFORMATION

SARA Title III Section 313 Chemicals:
1104254

SARA Title III Section 311/312:
None.

Toxic Substances Control Act:
All components are listed on or are exempt from listing on the Toxic
Substances Control Act Inventory.

TSCA Section 12(b) annual:
None.

TSCA Section 12(b) one time:
None.

Canadian Inventory Status:
Contains a component listed on the Non-Domestic Substances List.

California Proposition 65:
This product contains no chemicals known to the state of California to
cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

NFPA Code:
Health: 1
Flammability: 1
Reactivity: 0
Special: None

HMIS Code:
Health: 1 *
Flammability: 1
Reactivity: 0
Protective Equipment: See Section 8.