Safety Data Sheet

Otis MC-10 Grease

Section I: Identification

Product Name/Number: MC-10 Grease
Chemical Family: Synthetic lubricating grease
Manufacturer: MC-10 Grease

Otis Technology
6987 Laura Street
Lyons Falls, NY 13368, USA

Emergency Telephone Number:
800-424-9300 (ChemTrek)
Email: cs@otistec.com

Section II: Hazards Identification

GHS Classification:
None
GHS Label Elements:
Hazard Pictograms: None
Signal Word: None
Hazard Statements: None
Precautionary Statements: P260 Do not breathe dust, mist, or vapors.
P281 Use personal protective equipment as required.
P314 Get medical attention if you feel unwell.
P402 + P404 Store in a dry place, in a closed container.
P501 Dispose of content and container according to local and national regulations.

Section III: Composition

CAS Number	Chemical Name	Content by Mass
37640-57-6	Melamine cyanurate	4-6%

Section IV: First-Aid Measures

Eye Contact: Flush thoroughly with clear water for 15 minutes or until irritation subsides. Contact physician.
Skin Contact: Wash with soap and water. Remove any contaminated clothing and wash with soap and warm water. Get medical attention if symptoms occur.
Inhalation: Move to fresh air and refer to a physician for treatment.
Injection: Consult physician immediately.
Ingestion: Contact physician immediately.
Other: Exercise ordinary measures of personal hygiene.

Section V: Fire-Fighting Measures

Extinguishing Media: Dry chemical, CO_2, foam, or sand/earth.
Unusual Fire or Explosion Hazards: Dense smoke can form in a fire. In a fire, decomposition of fluorinated compounds can generate hydrogen fluoride, fluorophosgene, hydrogen cyanide, and carbonyl fluoride. Empty containers contain residue. Do not cut, drill, grind, or weld as they may explode.
Special Fire-Fighting Measures: Avoid smoke inhalation. Water or foam may cause frothing. Cool exposed containers with water. Use air supplied rescue equipment for enclosed areas.

Section VI: Accidental Release Measures

Spill or Leak Procedures: Wipe or scrape up spillage and place it in a container for disposal. Product may be absorbed with an inert material such as sand, soil, or vermiculite. Wash walking surfaces thoroughly with detergent and water to reduce slipping hazard. Keep petroleum products out of sewers and water courses. Advise authorities if product has or may enter sewers or water courses.

Waste Management and Disposal: Assure conformity with applicable regulations. Consult local, state and federal regulations applicable to your area.

Section VII: Handling and Storage

Handling: Avoid contact with skin and eyes. Enforce No Smoking in areas where fluoropolymers are handled or stored. Use with adequate ventilation. Avoid breathing if this material is atomized in a mist.

General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage: Keep container closed and in a dry, well-ventilated place.

Section VIII: Exposure Controls and Personal Protection

Control Parameters:

Exposure Guidelines: Particulates Not Otherwise Regulated (PNOR)

OSHA PEL: 15 mg/m^3 (Total Dust), 5 mg/m^3 (Respirable Particulate)

ACIGIH TLV: 10 mg/m^3 (Inhalable Particulate)

Exposure Controls:

Ventilation: None required unless mists, smoke or vapors are produced at high temperatures.

Personal Protective Equipment:

Goggles: Safety glasses recommended.

Gloves: Oil resistant gloves recommended, especially to avoid prolonged or repeated skin contact.

Respirator: Not required unless mists, smoke or vapors are produced at high temperatures.

Other: Use oil resistant apron, if needed.

Section IX: Physical and Chemical Properties

Appearance:	Grease like
Color:	White
Odor:	None
Odor Threshold:	Not available
Physical State:	Solid, liquid can evolve under certain conditions
pH:	Not applicable
Melting Point:	>300°C
Initial Boiling Point:	>300°C
Flash Point:	None
Auto-ignition Temperature:	None
Evaporation Rate:	Negligible
Lower Explosive Limit:	None
Upper Explosive Limit:	None
Vapor Pressure:	Negligible

Vapor Density:	Not available
Specific Gravity:	Approx 2 at 25°C
Solubility in Water:	Insoluble
Partition Coefficient:	Not available
Decomposition Temperature:	Not available
Viscosity:	Semi-solid. Viscosity varies with shear rate.

Section X: Stability and Reactivity

Reactivity: Stable
Hazardous Polymerization: Will not occur.
Chemical Incompatibilities: Avoid contact with strong oxidants, such as liquid chlorine and concentrated oxygen.
Hazardous Decomposition Products: Burning may produce carbon monoxide, carbon dioxide, hydrogen fluoride, fluorophosgene, carbonyl fluoride and other fumes. Hydrogen cyanide can form at temperatures above 500°C.
Other: Avoid contamination of cigarettes or other tobacco products.

Section XI: Toxicological Information

Melamine Cyanurate: Acute Oral LD50 (rat) >2000 mg/kg, (male mouse) >1200 mg/kg
Eye: Not irritating
Skin: Not irritating
Sensitization: Not classified as a skin sensitizer.
Mugagenicity: (germ cell) Not mutagenic
Carcinogenicity: Not available
Reproductive Toxicity: Not classified
STOT single exposure: Not classified
STOT repeated exposure: May cause damage to organ (kidney) through prolonged or repeated ingestion.
Aspiration: Not classified

Section XII: Ecological Information

Melamine cyanurate: 96h LC50 (danio rerio) >10,000 mg/L
48h LC50 (oryzias latipe) >1,000 mg/L
Mobility in soil: Log Koc is expected to be 1,13 and absorption potential is low.
Persistence and Degradability: No indication for biodegradation.
Bioaccumulation Potential: Very low potential for bioaccumulation.
Other information: Do not allow to enter water, waste water, or soil.

Section XIII: Disposal Considerations

According to RCRA (40 CFR 261), this material is not hazardous waste when the as received lubricant is discarded.
Dispose of in accordance with all local, state, provincial, and federal regulations.

Section XIV: Transport Information

DOT (49 CFR 171.101): Not hazardous
IMDG (ocean): Not hazardous
IATA (air): Not hazardous

Section XV: Regulatory Information

Contents of this MSDS comply with OSHA HAZARD Communication Standard 29 CFR 1910.1200.

EPA SARA Title III Chemical Listing:
This product contains no extremely hazardous or hazardous substances
CERCLA Hazardous Substances: None
TSCA Status: All chemical substances listed are included or exempt from listing on TSCA.

Section XVI: Other Information

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Otis Technology makes no warranty with respect thereto and disclaims all liability with respect thereon.