

### SECTION 1: IDENTIFICATION

**Product Name:** HIGH-TECH GREASE  
**Product Code:** G10CC  
**Intended Use(s) / Restrictions:** Firearms lubricating grease  
**Revision Date:** 02/01/18  
**Manufacturer:** OTIS TECHNOLOGY  
 6987 Laura St.  
 Lyons Falls, NY 13368  
 Information Telephone Number: 1-800-674-7847  
**Emergency Telephone (24 hr):** Chemtrec: 1-703-527-3887 (International)  
 1-800-424-9300 (North America)

### SECTION 2: HAZARDS IDENTIFICATION

**Classification** This material is not hazardous according to regulatory guidelines (see (M)SDS Section 15).  
**HAZARD NOT OTHERWISE CLASSIFIED (HNOC):** None as defined under 29 CFR 1910.1200.

#### Label Elements

**Hazard Symbol(s):** None required.  
**Signal Word:** None required.  
**Hazard Statement(s):** H412 Harmful to aquatic life with long lasting effects.  
**Other Hazards (HNOC):** Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis.  
**Precautionary Statement(s):** P273 Avoid release to the environment.  
**Disposal:** Dispose of product and/or container to a licensed waste disposal contractor in accordance with local, regional, national and international regulations.

#### HMIS hazard rating (U.S.)

**Health:** 0    **Flammability:** 1    **Physical hazards:** 0    **Personal protection:** None assigned - PPE codes should be determined by the employer, who is familiar with the actual conditions under which the material is used. See Section 8 for more information.

See Section 11 for complete health hazard information

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS#	Concentration*
1-NAPHTHYLAMINE, N-PHENYL-	90-30-2	0.1 - < 1.0%
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE	68411-46-1	1 - < 5%
HYDROXYALKARYL LONG-CHAIN AKYL ESTER	2082-79-3	1 - < 5%
N-OLEYLSARCOSINE	110-25-8	0.1 - < 0.25%
PENTAERYTHRITOL	115-77-5	1 - < 5%
SODIUM NITRITE	7632-00-0	0.1 - < 1.0%
SODIUM PHOSPHATE, TRIBASIC	10101-89-0	0.1 - < 1%

\* If Chemical Name/CAS No is "proprietary" or "confidential" and/or % by Weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## SECTION 4: FIRST AID MEASURES

### Inhalation:

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

### Skin contact:

Wash contact areas with soap and water. If product is injected into or under the skin, the individual should be evaluated immediately by a physician as a surgical emergency.

### Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes or until chemical is removed. If eye irritation persists: Get medical attention.

### Ingestion:

First aid is normally not required. Seek medical attention if discomfort occurs.

## SECTION 5: FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

**Appropriate Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**Inappropriate Extinguishing Media:** Straight Streams of Water

### FIRE FIGHTING

**Fire Fighting Instructions:** Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**Hazardous Combustion Products:** Aldehydes, Smoke, Fume, Oxides of carbon, Sulfur oxides, Incomplete combustion products

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Evacuate personnel to safe area. Keep unnecessary personnel away. Stop leak if possible without risk. Eliminate all ignition sources if possible without risk. Avoid contact with skin, eyes and clothing. Do not touch or walk through spilled material. Spillages may be slippery. Wear protective clothing / equipment (see Section 8). Ventilate area if spilled in a confined space or other poorly ventilated area.

### Environmental precautions:

Prevent product from entering soil, ditches, sewers, waterways and groundwater.

### Methods and materials for containment and clean-up:

Contain spilled material. Absorb spill with a noncombustible material (i.e. vermiculite, sand or earth). Sweep, scoop, or vacuum the discharged material / spent absorbent. Seal absorbent material in a labeled container for later disposal.

### Additional advice / information:

None.

See Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### HANDLING

Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Contains Sodium nitrite. Do not add amines which may form cancer causing nitrosamines.

**Static Accumulator:** This material is not a static accumulator.

### STORAGE

Do not store in open or unlabelled containers.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMIT VALUES

Exposure limits/standards (Note: Exposure limits are not additive)

Substance Name	Form	Limit / Standard			NOTE	Source
PENTAERYTHRITOL	Respirable fraction.	TWA	5 mg/m3		N/A	OSHA Z1
PENTAERYTHRITOL	Total dust.	TWA	15 mg/m3		N/A	OSHA Z1
PENTAERYTHRITOL		TWA	10 mg/m3		N/A	ACGIH
SODIUM PHOSPHATE, TRIBASIC		STEL	5 mg/m3		N/A	OARS WEEL

#### Engineering controls:

General ventilation is normally adequate. If use generates mist or vapor, local exhaust ventilation is recommended. Additional ventilation or exhaust may be required to maintain airborne concentrations below exposure limits.

#### Personal protective equipment

##### Eye / face protection:

Goggles recommended during product transfer.

##### Skin / body protection:

Use chemical-resistant gloves, i.e. nitrile or neoprene. Long-sleeve shirt recommended. Do not wear rings, watches or similar apparel that could entrap the material against skin.

##### Respiratory protection:

Not usually required under normal conditions of use. If airborne concentrations are above exposure limits, use an approved respirator. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.

##### Work and hygiene practices:

Safety showers and eye wash stations should be provided close to work areas with splash hazards. Launder contaminated clothing and shoes before reuse. Follow general hygiene considerations recognized as common good work practices. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when handling this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Red in color, semi-solid.
<b>Odor:</b>	Petroleum.
<b>Odor threshold:</b>	Not determined.
<b>pH:</b>	Not determined.

<b>Melting / freezing point:</b>	Not determined.
<b>Initial boiling point / range:</b>	> 316°C (> 600°F)
<b>Flash point:</b>	> 177°C (> 350°F)
<b>Evaporation rate:</b>	Not determined.
<b>Flammability / Explosive Limits:</b>	
<b>Upper:</b> Not determined.	<b>Lower:</b> Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Vapor density:</b>	Not determined.
<b>Specific gravity:</b>	Not determined.
<b>Relative density:</b>	Not determined.
<b>Solubility(ies):</b>	Insoluble (water).
<b>Partition coefficient: n-Octanol/water</b>	Not determined.
<b>Auto-ignition temperature:</b>	Product is not self-igniting.
<b>Decomposition temperature:</b>	Not determined.
<b>Viscosity:</b>	Not determined.

*The above properties are typical values and do NOT constitute a product specification.*

## SECTION 10: STABILITY AND REACTIVITY

### Stability / Reactivity:

Stable under normal handling and storage conditions.

### Possibility of hazardous reactions:

Hazardous polymerization will not occur.

### Conditions to avoid:

Direct sunlight, high temperatures, and sources of ignition. Strong oxidizing conditions.

### Incompatible materials:

Strong oxidizing agents.

### Hazardous decomposition products:

Material does not decompose at ambient temperatures.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Likely routes of exposure: Skin contact, eye contact, inhalation.

### Acute exposure

Oral toxicity:	Minimally Toxic. Based on assessment of the components.
Dermal toxicity:	No data on product.
Inhalation toxicity:	Minimally Toxic. Based on assessment of the components.
Skin corrosion / irritation:	Negligible irritation to skin at ambient temperatures. Based on assessment of the components.
Eye damage / irritation:	May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.
Sensitization – skin / respiratory:	Not expected to be a respiratory sensitizer.

### Chronic exposure

Germ cell mutagenicity:	Not expected to be a germ cell mutagen. Based on assessment of the components.
Carcinogenicity:	Not expected to cause cancer. Based on assessment of the components.

Reproductive toxicity:

Not expected to be a reproductive toxicant. Based on assessment of the components.

**Specific target organ toxicity (STOT)**

Single exposure:

Not expected to cause organ damage from a single exposure.

Repeated / prolonged exposure:

Not expected to cause organ damage from prolonged or repeated exposure. Based on assessment of the components.

**Aspiration hazard**

Not expected to be an aspiration hazard. Based on physico-chemical properties of the material.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

No data on product. Harmful to aquatic life with long lasting effects based on component data.

**Persistence / degradability:**

Not determined.

**Bioaccumulative potential:**

Not determined.

**Mobility:**

No data on product. Essentially insoluble to water based on component data.

**Ozone depletion:**

No known ingredients present at 0.1% or greater are identified as ozone-depleting substances.

**Other adverse effects:**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Disposal:**

Avoid release to the environment. Do not dispose to any sewer, ground or body of water. Recycle or dispose of to a licensed waste disposal contractor in accordance with local, regional, national and international regulations.

**Empty containers:**

Empty containers may contain harmful residue or vapors. Labels should not be removed from containers until they have been cleaned. Dispose of or recycle packaging in accordance with local, regional, national or international regulations.

**Additional advice / information:**

It is the responsibility of the user to determine, at the time of disposal, whether product meets the RCRA criteria for hazardous waste.

**SECTION 14: TRANSPORT INFORMATION**

**U.S. Dept. of Transportation (DOT):**

	<b>Non-Bulk</b>	<b>Bulk</b>
UN Number	Not regulated.	Not regulated.
Proper Shipping Name	Lubricating grease	Lubricating grease
Hazard Class	Not applicable.	Not applicable.
Packing Group	Not applicable.	Not applicable.
Special provisions	Not applicable.	Not applicable.
Packaging exceptions	Not applicable.	Not applicable.
NAERG number	171	171
Placard advisory	Not applicable.	Not applicable.
Label(s) required	Not applicable.	Not applicable.
Quantity Limitations:		
Passenger aircraft/rail	Not applicable.	Not applicable.
Cargo aircraft only	Not applicable.	Not applicable.

**UN Model Regulations (annexes to the Recommendations on the Transport of Dangerous Goods):**

Not determined.

**IMDG Code:**

Product does not meet the criteria for marine pollutant classification. See U.S. DOT.

## SECTION 15: REGULATORY INFORMATION

### U.S. Federal Regulations:

TSCA: All components are on the inventory or exempt from listing.

SARA Title III:

Sections 311/312 Hazard Classes:

Acute health hazard:	No
Chronic health hazard:	No
Fire hazard:	Yes
Reactive hazard:	No
Release of pressure hazard:	No

Section 313 Form R reporting:

This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

Section 302 Extremely Hazardous Substances (EHS) / CERCLA Hazardous Substances:

SARA EHS: This product does not contain greater than 1.0% of any chemical substances on the list of SARA Extremely Hazardous Substances.

CERCLA: None known.

## SECTION 16: OTHER INFORMATION

### SDS History

Issue date:	June 3, 2013
Revision date:	02/01/18
Revision indicator:	This SDS has been revised as follows: Update for company name change
Prepared by:	Technical Dept.

### Acronym Legend:

ACGIH	American Conference of Governmental Industrial Hygienists
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (Superfund)
EPCRA	Emergency Planning and Community Right-to-Know
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods Code
LC <sub>50</sub>	Lethal Concentration
LD <sub>50</sub>	Lethal Dose
LOAEL	Lowest Observed Adverse Effect Level
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOAEL	No Observed Adverse Effect Level
NTP	National Toxicology Program
OSHA	Occupational Health and Safety Administration
PEL	Permissible Exposure Limit

RO	Reportable Quantity
SARA	U.S. EPA Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TPO	Threshold Planning Quantity
TII/IIA	Time-Weighted Average
VOC	Volatile Organic Compound

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