

## **SECTION 1 Identification**

### **1.1. Product identifier**

Product form : Mixture  
Product name : G-10  
Product code : G-10

### **1.2. Other means of identification**

No additional information available

### **1.3. Recommended use of the chemical and restrictions on use**

Use of the substance/mixture : Lubrication at high energy conditions in metal working operations, metal working specialties  
Restrictions on use : None known

### **1.4. Supplier's details**

Anchor Lubricants LLC  
777 Canterbury Road  
Westlake, OH 44145  
USA  
T (440) 871-1660 - F (440) 871-1661  
[mailto: sales@anchorlube.com](mailto:sales@anchorlube.com)

### **1.5. Emergency phone number**

Emergency number : (440) 871-1660

## **SECTION 2 Hazard Identification**

### **2.1. Classification of the substance or mixture**

#### **GHS US classification**

Not classified

### **2.2. Label elements**

Not classified as hazardous according to GHS/OSHA.

### **2.3. Hazards associated with known or reasonably anticipated uses**

None known

### **2.4. Hazards not otherwise classified**

Other hazards which do not result in classification : None known.

### **2.5. Unknown acute toxicity**

No additional information available

## **SECTION 3 Composition/information on ingredients**

### **3.1. Substances**

Not applicable

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according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### 3.2. Mixtures

Name	Product identifier	%
Talc	CAS-No.: 14807-96-6	1 – 5

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : No particular/specific measures required.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.

First-aid measures after skin contact : Rinse with water. Seek medical attention if irritation develops.

First-aid measures after eye contact : Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : No first aid should be needed. Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation : No adverse effects expected under normal conditions of use.

Skin : None under normal use. May cause slight temporary irritation.

Eyes : No adverse effects expected under normal conditions of use. May cause minor eye irritation.

Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

Chronic symptoms : None known.

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

Other medical advice or treatment : Not required. Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None.

### 5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible.

Explosion hazard : Product is not explosive.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>). Toxic and irritating gases are released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Caution : this product can cause the floor to be slippery. Do not touch or walk on the spilled product. Keep unnecessary and unprotected personnel away from the spillage.

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### For non-emergency personnel

Emergency procedures : Keep unnecessary and unprotected personnel away from the spillage.

### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

## 6.2. Methods and materials for containment and cleaning up

For containment : Contain and collect as any solid.

Methods for cleaning up : Pick up mechanically. Shovel into suitable and closed container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area.

Incompatible materials : Strong oxidizers.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

#### Talc (14807-96-6)

##### USA - ACGIH - Occupational Exposure Limits

Local name	Talc
ACGIH® TLV® TWA	2 mg/m <sup>3</sup> (Containing no asbestos fibers. E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter) 2 mg/m <sup>3</sup> (Containing asbestos fibers. R - Respirable particulate matter)
	0.1 fibers/cm <sup>3</sup> (Containing asbestos fibers. F - Respirable fibers)
Remark (ACGIH®)	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH 2024

##### USA - OSHA - Occupational Exposure Limits

Local name	Talc (not containing asbestos) (Silicates (less than 1% crystalline silica))
OSHA PEL (TWA)	20 mppcf
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.

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### Talc (14807-96-6)

Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
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### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure adequate ventilation.
Environmental exposure controls	: Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Hand protection:

Protective gloves recommended. Contact your glove supplier for selection assistance.

#### Eye protection:

Avoid contact with eyes. Recommended. Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

#### Thermal hazard protection:

Not applicable.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Brown. Solid blocks.
Color	: Brown
Odor	: Not determined
Odor threshold	: Not determined
pH	: Not applicable
Melting point	: Not determined
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: Not applicable
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: Not applicable
Relative vapor density at 20°C	: No data available
Relative density	: Not determined
Solubility	: Slightly soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not determined
Viscosity, kinematic	: Not applicable
Explosion limits	: No data available
Explosive properties	: Product is not explosive.
Oxidizing properties	: Not oxidising.
Particle characteristics	: Particle characteristics : Not determined

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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### SECTION 10 Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

Strong oxidizers.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11 Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Talc (14807-96-6)

LD50 oral rat	> 5000 mg/kg body weight (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402 method)
LC50 Inhalation - Rat (Dust/Mist)	> 2.1 mg/l (OECD 403 method)

Skin corrosion/irritation : Not classified  
pH: Not applicable

Serious eye damage/irritation : Not classified  
pH: Not applicable

Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

#### Talc (14807-96-6)

IARC group	2A - Probably carcinogenic to humans
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Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified

#### Talc (14807-96-6)

NOAEL (oral, rat, 90 days)	100 mg/kg body weight (OECD 452 method)
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Aspiration hazard : Not classified

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Viscosity, kinematic	Not applicable
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Inhalation	: No adverse effects expected under normal conditions of use.
Skin	: None under normal use. May cause slight temporary irritation.
Eyes	: No adverse effects expected under normal conditions of use. May cause minor eye irritation.
Ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Chronic symptoms	: None known.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not applicable.

Hazardous to the aquatic environment, long-term (chronic) : Not applicable.

#### Talc (14807-96-6)

LC50 - Fish [1]	89581.02 mg/l QSAR
LC50 - Fish [2]	110000 mg/l QSAR
EC50 96h - Algae [1]	7202.7 mg/l QSAR
NOEC (chronic)	1459.798 mg/l QSAR

### 12.2. Persistence and degradability

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Persistence and degradability	Inherently biodegradable.
Talc (14807-96-6)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.

### 12.3. Bioaccumulative potential

Talc (14807-96-6)	
Partition coefficient n-octanol/water (Log Pow)	-9.4

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : None known.

Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Regional waste regulation : Dispose in a safe manner in accordance with local/national regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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### SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated	Not applicable	Not regulated	Not regulated
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not applicable	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not applicable	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not applicable	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not applicable	Not regulated	Not regulated
No supplementary information available			

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

Not regulated

#### TDG

Not applicable

#### IMDG

Not regulated

#### IATA

Not regulated

### SECTION 15 Regulatory information

#### 15.1. Federal regulations

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SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 15.2. International regulations

No additional information available

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### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Talc(14807-96-6)	U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 10/8/2025

### Indication of changes:

New version.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.