

This SDS complies with the Canadian Hazardous Products Regulations of 2015.

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** CBMQ36  
**Product Name:** Q36 ILLUDIUM ONE-STEP COMPOUND  
**Trade Name:** MAVERICK ABRASVIES  
**Company Name:** Maverick Abrasives  
 4340 E. Miraloma Ave  
 Anaheim, CA 92087  
**Phone Number:** Office (714)854-9531  
**Web site address:** www.maverickabrasives.com  
**Emergency Contact:** INFOTRAC - 24 Hr. Emergency (800)535-5053  
**Information:** Contract #914-39

### 2. HAZARDS IDENTIFICATION

**Specific Target Organ Toxicity (single exposure), Category 3**  
**Specific Target Organ Toxicity (repeated exposure), Category 2**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** H335 - May cause respiratory irritation.  
 H373 - May cause damage to through prolonged or repeated exposure.  
**GHS Precautionary Phrases:** P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P271 - Use only outdoors or in a well-ventilated area.  
**GHS Response Phrases:** P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P314 - Get medical attention/advice if you feel unwell.  
**GHS Storage and Disposal Phrases:** P403+233 - Store container tightly closed in well-ventilated place.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to ...  
**OSHA Regulatory Status:** While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.  
**Potential Health Effects (Acute and Chronic):** Hazards not otherwise classified (HNOC) or not covered by GHS -none.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	
1344-28-1	Aluminum oxide	40.0 -50.0 %	
57-11-4	Stearic acid	10.0 -15.0 %	
1308-38-9	Chromium oxide	< 1.0 %	
1317-61-9	Iron oxide	< 1.0 %	

## 4. FIRST AID MEASURES

<b>Emergency and First Aid Procedures:</b>	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>In Case of Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In Case of Skin Contact:</b>	Wash off with soap and plenty of water. Consult a physician.
<b>In Case of Eye Contact:</b>	Flush eyes with water as a precaution.
<b>In Case of Ingestion:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Signs and Symptoms Of Exposure:</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
<b>Indication of any immediate medical attention and special treatment needed:</b>	No data available.

## 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	NA	Method Used:	Estimate
<b>Explosive Limits:</b>	LEL: No data.	UEL:	No data.
<b>Autoignition Pt:</b>	NA		
<b>Suitable Extinguishing Media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.		
<b>Fire Fighting Instructions:</b>	Wear self contained breathing apparatus for fire fighting if necessary. Further information: Do not use halocarbon extinguishers. No data available.		
<b>Flammable Properties and Hazards:</b>	Aluminum oxide.		
<b>Hazardous Combustion Products:</b>	No data available.		

## 6. ACCIDENTAL RELEASE MEASURES

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Use personal protective equipment.
<b>Environmental Precautions:</b>	No special environmental precautions required. Do not let product enter drains.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Sweep up and shovel. Keep in suitable, closed containers for disposal. Pick up and arrange disposal without creating dust.

## 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
<b>Precautions To Be Taken in Storing:</b>	Keep container tightly closed in a dry and well-ventilated place. strongly hygroscopic. Recommended storage temperature: 2 -8 - 8 deg.C. Storage class 510) Non Combustible.
<b>Other Precautions:</b>	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1344-28-1	Aluminum oxide	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
57-11-4	Stearic acid	No data.	No data.	No data.
1308-38-9	Chromium oxide	No data.	No data.	No data.
1317-61-9	Iron oxide	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1344-28-1	Aluminum oxide	Ontario, CA	TWA: 1 ppm (Inhalable aerosol)	
		Québec, CA	TWA: 10 mg/m3	
		Mexico OEL	TWA: 10 mg/m3 () STEL: ()	
1308-38-9	Chromium oxide	California, USA PELs	TWA: 0.5 mg/m3	
		Ontario, CA	TWA: 0.5 mg/m3	
		Québec, CA	STEL: 0.5 ppm	
		Mexico OEL	TWA: 0.5 mg/m3 () STEL: ()	
		NIOSH	TWA: 0.5 mg/m3	

**Personal Protective Equipment Symbols:**



**Respiratory Equipment (Specify Type):**

Wear respiratory protection.  
 Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eye Protection:**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Protective Gloves:**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.  
 Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 480 min. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Other Protective Clothing:**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Engineering Controls (Ventilation etc.):**

General industrial hygiene practice. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Environmental Exposure Controls:**

No special environmental precautions required. Do not let product enter drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical States:</b>	[ ] Gas    [ ] Liquid    [X] Solid	
<b>Appearance and Odor:</b>	solid. Odor: sweetish odor. Appearance: Olive.	
<b>pH:</b>	6-7	
<b>Melting Point:</b>	189.00 C (372.2 F) - 193.00 C (379.4 F)	
<b>Boiling Point:</b>	372.00 C (701.6 F) - 380.00 C (716.0 F)	
<b>Flash Pt:</b>	NA    Method Used: Estimate	
<b>Evaporation Rate:</b>	Not available	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	Not available	
<b>Vapor Density (vs. Air = 1):</b>	Not available	
<b>Specific Gravity (Water = 1):</b>	No data.	
<b>Density:</b>	3.456 G/CM3	
<b>Solubility in Water:</b>	insoluble	
<b>Saturated Vapor Concentration:</b>	No data.	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Autoignition Pt:</b>	NA	
<b>Decomposition Temperature:</b>	No data.	
<b>Viscosity:</b>	Not available	
<b>Explosive Properties:</b>	No data available.	
<b>Oxidizing Properties:</b>	No data available.	
<b>Information with regard to primary physical hazard:</b>		

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.	
<b>Stability:</b>	Unstable [ ]    Stable [X]	
<b>Conditions To Avoid - Instability:</b>	Exposure to moisture. No data available.	
<b>Incompatibility - Materials To Avoid:</b>	Strong acids, Strong bases, chlorine trifluoride, ethylene oxide, halogenated hydrocarbons, Oxygen difluoride, sodium nitrate, Vinyl compounds. Bases, Oxidizing agents, Reducing agents.	
<b>Hazardous Decomposition or Byproducts:</b>	No data available. In the event of fire: see section 5.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]    Will not occur [X]	
<b>Conditions To Avoid -</b>	No data available.	

**Hazardous Reactions:**

**11. TOXICOLOGICAL INFORMATION**

**Toxicological Information:** Acute toxicity.

**Irritation or Corrosion:** Skin corrosion/irritation.  
Result: Tumorigenic:Tumors at site or application. No skin irritation . (OECD Test Guideline 404) Serious eye damage/eye irritation Eyes -Rabbit)  
No eye irritation. No skin irritation 24. Serious eye damage/eye irritation: Eyes: Rabbit.

**Sensitization:** Maximisation Test. Species: Guinea pig. Result: Tumorigenic:Tumors at site or application. No data available.

**Chronic Toxicological Effects:** Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.  
Specific target organ toxicity -repeated exposure: no data available.

**Carcinogenicity/Other Information:** This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Carcinogenicity. Mouse. Implant. Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Kidney, Ureter, Bladder: Tumors.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1344-28-1	Aluminum oxide	n.a.	n.a.	Unknown	n.a.
57-11-4	Stearic acid	n.a.	n.a.	n.a.	n.a.
1308-38-9	Chromium oxide	n.a.	n.a.	n.a.	n.a.
1317-61-9	Iron oxide	n.a.	n.a.	n.a.	n.a.

**12. ECOLOGICAL INFORMATION**

**General Ecological Information:** No toxicity at the limit of solubility. No data available.

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Persistence and Degradability:** The methods for determining biodegradability are not applicable to inorganic substances.  
No data available.

**Bioaccumulative Potential:** Does not bioaccumulate. No data available.

**Mobility in Soil:** No data available.

**Other adverse effects:** No data available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Product:  
Offer surplus and non-recyclable solutions to a licensed disposal company.  
Contaminated packaging:

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:**  
**DOT Hazard Class:**  
**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:**  
**UN Number:**  
**Hazard Class:** **TDG Classification:**

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1344-28-1	Aluminum oxide	No	No	Yes
57-11-4	Stearic acid	No	No	No
1308-38-9	Chromium oxide	No	No	Yes-Cat. N090
1317-61-9	Iron oxide	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

- |   |  |
|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure)                       |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Skin Corrosion or Irritation                                 |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Serious eye damage or eye irritation                         |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization                            |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity                                       |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas)               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)              |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust                                  |  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC) |  |

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
1344-28-1	Aluminum oxide	Yes: Part 1A		Yes
57-11-4	Stearic acid	No	No	Yes
1308-38-9	Chromium oxide	Yes - Cat.		Yes
1317-61-9	Iron oxide	No	No	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-28-1	Aluminum oxide	CAA HAP,ODC: No; CWA NPDES: No; CA PROP.65: No
57-11-4	Stearic acid	CAA HAP,ODC: No; CWA NPDES: No; CA PROP.65: No
1308-38-9	Chromium oxide	CAA HAP,ODC: Yes - Cat.; CWA NPDES: No; CA PROP.65: No
1317-61-9	Iron oxide	CAA HAP,ODC: No; CWA NPDES: No; CA PROP.65: No

**16. OTHER INFORMATION**

**Revision Date:** 07/07/2023

**Hazard Rating System:**

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL</b>		<b>0</b>
<b>PPE</b>		<b>F</b>

**HMIS:**

**Additional Information About This Product:** The information contained herein is based on data considered to be accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product.

**Company Policy or Disclaimer:**