


M58 SAFETY DATA SHEET

1 - IDENTIFICATION

MANUFACTURER / SUPPLIER / DISTRIBUTER	Meghan's Supply & Design // BallistiX 11720 Main St Suite 120, Fredericksburg, VA 22408, United States	PRODUCT NAME	M58
PHONE	+1 540-940-6698	RECOMMENDED USE	Grinding Agent
EMERGENCY	613-996-6666 (CANUTEC 24H)	RESTRICTION ON USE	For professional use only
		REVISION DATE	June 16, 2022

2 - HAZARDS IDENTIFICATION

OSHA/HCS STATUS	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)		
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	CORROSIVE TO METALS - Category 1 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1.1%		
GHS LABEL ELEMENTS	SYMBOLS:		SIGNAL WORDS: Warning
HAZARD STATEMENTS	May be corrosive to metals. Causes serious eye irritation. Causes skin irritation. Suspected of causing cancer.		
PRECAUTIONARY STATEMENTS	<p>General Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.</p> <p>Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep only in original container. Wash hands thoroughly after handling.</p> <p>Response Absorb spillage to prevent material damage. IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.</p> <p>Storage Store locked up. Store in corrosive resistant container with a resistant inner liner.</p> <p>Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.</p>		
OTHER HAZARDS KNOWN	None known		

3 - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION Mixtures

CHEMICAL NAME	CONTENT	CAS N°
Proprietary Component 1	Trade Secret	Trade Secret
Proprietary Component 2	Trade Secret	Trade Secret
Proprietary Component 3	Trade Secret	Trade Secret
Proprietary Component 4	Trade Secret	Trade Secret
Proprietary Component 5	Trade Secret	Trade Secret

Occupational exposure limits, 1f available, are listed in Section 8.

4 - FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

INHALATION Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs , provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious , place in recovery position and get medical attention immediately. Maintain an open airway.

Loosen tight clothing such as a collar, tie, belt or waistband.

SKIN CONTACT Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

INGESTION CONTACT Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallow ed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs , the head should be kept low so that vomit does not enter the lungs.

Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE AND DELAYED)

Potential acute health effects

Eye contact: Causes serious eye irritation.
 Inhalation: No known significant effects or critical hazards.
 Skin contact: Causes skin irritation.
 Ingestion: Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include the following: pain or irritation watering redness
 Inhalation: No specific data.
 Skin contact: Adverse symptoms may include the following: irritation, redness.
 Ingestion: No specific data.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	<p>Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</p> <p>Specific treatments: No specific treatment.</p>
---	---

5 - FIREFIGHTING MEASURES

EXTINGUISHING MEDIA	<p>Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.</p> <p>Unsuitable extinguishing media: None known.</p>
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	In a fire or if heated, a pressure increase will occur and the container may burst.
SPECIAL PROTECTIVE ACTIONS FOR FIREFIGHTERS	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	<p>For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.</p> <p>For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p>
ENVIRONMENTAL PRECAUTIONS	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	<p>Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.</p> <p>Large spill: Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.</p>

7 - HANDLING AND STORAGE

PROTECTIVE MEASURES

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Occupational exposure limits: None

ENGINEERING CONTROLS

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

INDIVIDUAL PROTECTION MEASURES

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

PERSONAL PROTECTIVE EQUIPMENT

Breathing equipment: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Protection of hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / COLOR	Liquid, Not available	VAPOUR PRESSURE	Highest known value: 2.3 kPa (17.2 mm Hg) (at 68°F/ 20°C) (Water).
ODOR	Characteristic. [Slight]	SOLUBILITY	Easily soluble in the following materials: cold water, hot water , methanol , acetone. Insoluble in the following materials: diethyl ether, n-octanol.
ODOR THRESHOLD	Not available	VAPOUR DENSITY	Highest known value: 1 (Air= 1) (Water).
PH	10.8 (Basic.)	SPECIFIC GRAVITY (RELATIVE DENSITY)	Not available
MELTING POINT/ FREEZING POINT	May start to solidify at: 32°F (0°C) This is based on data for the following ingredient: Water	PARTITION COEFFICIENT OF N-OCTANOL/WATER	Not available
INITIAL BOILING POINT/ BOILING RANGES	Lowest known value: 212°F (100°C) (Water).	AUTO IGNITION TEMPERATURE	Not applicable
FLASH POINT	Not applicable	DECOMPOSITION TEMPERATURE	Not available
EVAPORATION RATE	Not available	VISCOSITY	Not available
FLAMMABILITY (SOLID, GAS)	Not available.	MOLECULAR WEIGHT	Not available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not applicable	VOC	Not available

10 - STABILITY AND REACTIVITY

REACTIVITY	No specific test data related to reactivity available for this product or its ingredients.
CHEMICAL STABILITY	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS	Under normal conditions of storage and use, hazardous reactions will not occur.
CONDITIONS TO AVOID	No specific data.
INCOMPATIBLE MATERIALS	Reactive or incompatible with the following materials: metals
HAZARDOUS DECOMPOSITION PRODUCTS	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 - TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS	Acute toxicity: Not available. Irritation/Corrosion: Not available.
SENSITIZATION	Not available.
MUTAGENICITY	No known significant effects or critical hazards.
CARCINOGENICITY	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
REPRODUCTIVE TOXICITY	No known significant effects or critical hazards.
STO TOXICITY – SINGLE EXPOSURE	Not available.
STO TOXICITY – REPEATED EXPOSURE	Not available.
ASPIRATION HAZARD	Not available.
INFORMATION ON THE LIKELY ROUTES OF EXPOSURE	Not available.
POTENTIAL ACUTE HEALTH EFFECTS	Eye contact: Causes serious eye irritation. Inhalation: No known significant effects or critical hazards. Skin contact: Causes skin irritation. Ingestion: Irritating to mouth, throat and stomach.
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS	Eye contact: Adverse symptoms may include the following: pain or irritation, watering redness Inhalation: No specific data. Skin contact: Adverse symptoms may include the following: irritation, redness Ingestion: No specific data.
DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE	Short term exposure: Potential immediate effects: Not available. Potential delayed effects: Not available. Long term exposure: Potential immediate effects: Not available. Potential delayed effects: Not available.
POTENTIAL CHRONIC HEALTH EFFECTS	Not available.

12 - ECOLOGICAL INFORMATION

ECOTOXICITY	Not available.
PERSISTENCE AND DEGRADABILITY	Not available.
BIOACCUMULATIVE POTENTIAL	Not available.
MOBILITY IN SOIL	Not available.
OTHER ADVERSE EFFECTS	No known significant effects or critical hazards.

13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14 - TRANSPORT INFORMATION

UN-NUMBER;	Not regulated.
UN-PROPER SHIPPING NAME;	-
TRANSPORT HAZARD CLASS(ES);	-
PACKING GROUP;	-
ENVIRONMENTAL HAZARDS;	No
SPECIAL PRECAUTIONS FOR USER	Transport within user's premises: always transport in closed containers that are up-right and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
ADDITIONAL INFORMATION	-

15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA S(A) CDR EXEMPT/PARTIAL EXEMPTION:	Not determined
UNITED STATES INVENTORY (TSCA SB):	Not determined
CLEAN AIR ACT SECTION 112M (B) HAZARDOUS AIR POLLUTANTS (HAPS)	Not listed
CLEAN AIR ACT SECTION 602 CLASS I SUBSTANCES	Not listed
CLEAN AIR ACT SECTION 602 CLASS II SUBSTANCES	Not listed
DEA LIST I CHEMICALS (PRECURSOR CHEMICALS)	Not listed
DEA LIST II CHEMICALS (ESSENTIAL CHEMICALS)	Not listed
SARA 302/304 COMPOSITION/INFORMATION ON INGREDIENTS	No products were found.
SARA304 RQ	Not applicable.
SARA 311/312 CLASSIFICATION	Immediate (acute) health hazard Delayed (chronic) health hazard
CALIFORNIA PROP. 65 WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.	Ingredient name: Proprietary Component 5 Cancer: Yes Reproductive: No No significant risk level: No Maximum acceptable dosage level: No
CANADA INVENTORY	Not determined.
INTERNATIONAL REGULATIONS	
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE I CHEMICALS	Not listed
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE II CHEMICALS	Not listed
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE III CHEMICALS	Not listed

16 - OTHER INFORMATION

BallistiX expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, BallistiX makes no representations as to its accuracy or sufficiency. Conditions of use are beyond BallistiX' control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.