

SAFETY DATA SHEET

Section1- Identification

Product identifier used on the label:

Product Name: ValueSonic Ultrasonic Tablets

Product Code: VM6400

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Ultrasonic Cleaning Tablets

Manufacturer Information:

Manufacturer For: Valumed Professional Products Ltd.

Address: 16410 117 Ave NW
Edmonton AB T5M 3W2
Canada

General Phone Number: (800)919-8444

Emergency contact: 1-630-935-0775 (Inside/Outside U.S.A.) 24 hours

In case of medical emergencies, please contact local poison control center.

Date: October 20, 2021

Section 2- HAZARD(S) IDENTIFICATION



Signal Word:

DANGER.

GHS Class:

Serious Eye Damage. Category 1.

Skin corrosion.

Category 1.

Hazard Statements:

H318 Causes eye damage.

H314 Causes skin burns and eye damage.

Precautionary Statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see ... on this label).

P363 Wash contaminated clothing before reuse.

P405 Store in cabinet.

P501 Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Route of Exposure:

Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Eye:

Corrosive. Will cause eye burns and may cause permanent tissue damage.

Skin:

Severely irritating; may cause permanent skin damage.

Inhalation:

May cause severe respiratory system irritation.

Ingestion:

Harmful if swallowed. Corrosive to the gastrointestinal tract.

Chronic Health Effects:

May cause Skin irritation in the event of prolonged skin contact.

Signs/Symptoms:

Repeated or prolonged inhalation may cause toxic effects.

Depending on solution concentration, material may be corrosive to skin, mucous membranes and eyes. Vapors may cause respiratory irritation.

Target Organs:

Eyes, Skin, Respiratory system, Digestive system.

Aggravation of PreExisting

Conditions:

May aggravate preexisting respiratory disorders, allergy, eczema, or skin conditions.

Section 3- COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Sodium Bicarbonate	497198	35-55 by weight	2078388
Citric Acid USP Granular Anhydrous	77929	21-41 by weight	2010691
Sodium Perborate	7632044	20-28 by weight	2315564
Alcohols-Exhoylated	68154972	8-14 by weight	Polymer
Sodium Benzoate	532321	0-.05 by weight	2685348

Notes: Microbial species types are withheld in order to protect trade secrets.
The remaining components of this product are nonhazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure.

Section 4- First Aid Measures

Eye:

Flush eyes immediately with plenty of water for a minimum of 15 to 20 minutes. Separating of the eyelids will help ensure adequate flushing of the eyes. If possible/ managable, Remove contacts if present. Continue rinsing for 5 to 10 minutes. If irritation or symptoms of overexposure persists seek medical attention.

Skin Problem:

Wash exposed skin immediately with plenty of soap and water for 15 to 20 minutes. Remove any contaminated clothing. Seek medical attention if irritation or symptoms of overexposure persists.

Inhalation:

In case of inhalation, remove immediately to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion:

Do not induce vomiting if swallowed. Call a physician or poison control center immediately.

Section 5 – Fire Fighting Measures

Extinguishing Media:

Water, Carbon Dioxide, Dry Chemical

Special Hazards Arising from Material Product may release oxygen at Elevated Temperatures

Explosion Hazard:

No applicable information has been found.

Fire Fighting Instructions:

Contact emergency personnel. Use self- contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be release. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

NFPA Ratings:

NFPA Health: 3
NFPA Flammability: 1
NFPA Reactivity: 2

Section 6- Accidental Release Measures

Personnel Precautions: Evacuate contaminated area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in section 8.

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Methods for containment: Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means.

Methods for cleanup: Scrub off excess and vacuum spills.

Procedures for Spill/Leak Clean-up:

Vacuum or moisten with water and collect into closed disposal container.

Waste Disposal Method: Follow local, state, and federal regulations for disposal. Product is Biodegradable.

Section 7- Handling and Storage

Methods for safe handling:

Handling: Use proper personal protective equipment as listed in section 8. Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Wash hands thoroughly after handling.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling.

Methods of safe storage, including any incompatibilities:

Storage: Store in a cool, dry, well ventilated area away from sources of heat. Keep container tightly closed when not in use. Keep only in the original container and store locked up.

Section 8- Exposure Controls, Personal Protection

EXPOSURE GUIDELINES:

Guideline ACGIH: Exposure limits are not established

Guideline OSHA: Exposure limits are not established

Individual protection measures:

Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection Description: Chemical resistant gloves and chemical goggles, face shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection: Use face mask & face shield with adequate ventilation.

Conditions for Safe Storage: Store in a cool dry well ventilated

Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Specific End Use: For Professional Use Only

PPE Pictograms:



Section 9 – Physical and Chemical Properties

Color, Odor, and Appearance: White speckled tablet

Physical State: solid **Solubility in Water:** Readily Soluble

Section 10- Stability and Reactivity Data

Chemical Stability: Stable

Conditions to Avoid: Extremely High Temperatures

Section 11- Toxicological Information

Sodium Bicarbonate:

Eye: Administration into the eye Rabbit

Standard Draize test: 100 mg/30S [Mild] (RTECS)

Ingestion: Oral Rat LD50 Lethal dose, 50 percent kill: 4220 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Citric Acid USP Granular Anhydrous :

Eye: Administration into the eye Rabbit
Standard Draize test: 750 ug/24H [Severe] (RTECS)
Ingestion: Oral Rat LD50 Lethal dose, 50 percent kill: 3 gm/kg [Details of toxic effects not reported other than lethal dose value] Oral Rat LD50 Lethal dose, 50 percent kill: 11700 mg/kg [Behavioral Ataxia Cardiac Change in rate Lungs, Thorax, or Respiration Respiratory depression] (RTECS)
Sodium Perborate: Not Available

Alcohols: Not available

Sodium Benzoate: Not available

Section 12- Ecological Information

None Known

Section 13- Disposal Information

Waste Disposal Method: Follow local, state, and federal regulations for disposal. Product is Biodegradable.

Section 14- Transportation Information

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	No
ADR/RID	None	Not Regulated	None	None	No
IMDG	None	Not Regulated	None	None	No
IATA/ICAO	None	Not Regulated	None	None	No

14.6 Special precautions for user: **Not applicable**

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: **Not applicable – product is transported only**

Section 15- Regulatory information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

US Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCL reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): This product is a medical device and not subject to chemical notification requirements.

Clean Water Act (CWA): Not Listed

Clean Air Act (CAA): Not Listed

Superfund Amendments and Reauthorization Act (SARA) Title III Information

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard	Yes	Pressure Hazard:	No
Delayed Hazard	Yes	Reactivity Hazard	No
Fire Hazard	No		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components	C.A.S #	WT%
None		

State Regulations

California: This product contains the following chemical(s) known to the State of California to cause cancer, birth effects or reproductive harm:

Components	C.A.S #	WT%
None		

International Regulations

EU Reach: The substances in this product comply with the EU REACH regulation as applicable.

16. Other Information

Full text of Classification abbreviations used in Section 2 and 3.

O Oxidizer

Xi Irritant

Xn Harmful

T Toxic

Repr. Cat 2 Reproductive Category 2

R8 Contact with combustible material may cause fire

R22 harmful if swallowed

R36 Irritating to eyes

R37 Irritating to respiratory system

R41 Risk of serious damage to eyes

R61 May cause harm to the unborn child

R62 Possible risk of impaired fertility

Oxid. Sol 2; Oxidizing Solid Category 2

Acute Tox 4 Acute Toxicity Category 4

Eye Dam 1 Eye Damage Category 1

Eye Irrit. 2 Eye Irritant Category 2

STOT SE 3 Specific Target Organ Toxicity (Single Exposure) Category 3

Repr. 1B Reproductive Toxicity Category 1B

H272 May Intensify Fire

H302 Harmful if swallowed

H318 Causes serious eye damage

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H360Df May damage the unborn child. Suspected of damaging fertility.

Supersedes: 26 August 2011
Revision Summary: comprehensive review, new format

Date of SDS Preparation/ Revision 21 May 2014

Data Sources: US NLM ChemiD Plus and HSDB. Substances SDS for components. IUCLID Dataset EU Chemical Bureau. ESIS, Country websites for occupational exposure limits.

Section 16- Additional information



Personal protection is required for this item, refer to section 8 more information

Revision date: 10-20-2021

SDS Author: Regulatory department

Disclaimer:

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the company's knowledge. It is not meant to be an all- inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The company assumed no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.