

Section 1: Identification**Product Identifier**

Product Name HydroSmooth Debubbler
Product Code 40055, 40056

Relevant identified uses of the substance or mixture and uses advised against

Recommended use Surfactant used in the dental and other professional industries to reduce formation of bubbles in gypsum models and investment molds

Details of the supplier of the safety data sheet

Manufacturer/Supplier Vacalon Company Inc
12960 Stonecreek Dr Ste C
Pickerington, OH 43147
United States
www.vacalon.com • info@vacalon.com
Telephone (General) 614-577-1945

Emergency telephone number

Hazmat Services Inc (24 hour) 800-373-7542 (USA)
484-951-2432 (International)

Section 2: Hazard Identification**Classification of the substance or mixture**

- Material is not classified as a hazardous substance or mixture.

Label elements

- This product is not subject to identification regulations.

Other information

- Observe normal safety regulations and precautions when handling chemicals.

Section 3. Composition/Information on Ingredients

Chemical characterization • Mixture
Description • Mixture of water and surfactants
Hazardous Components • Product contains no hazardous components in reportable quantities under current regulations.

Section 4. First-Aid Measures**Description of first-aid measures**

Inhalation • Move to fresh air. Seek medical attention if problems persist.
Skin • Wash with water and soap.
Eye • Flush eyes with water for at least 15 minutes as a precaution. Seek medical attention if problems persist.
Ingestion • Rinse out mouth with water. Never give anything by mouth to unconscious person. Seek medical attention if problems persist.

Most important symptoms and effects, both acute and delayed

- No data available

Indication of any immediate medical attention and special treatment needed

- No data available

Section 5. Firefighting Measures**Extinguishing media**

Suitable extinguishing media • The product itself will not support combustion. In a sustained fire use an extinguisher appropriate for surrounding area.
Unsuitable extinguishing media • None known

Special hazards arising from the substance or mixture

- None know

Advice for firefighters

- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

Section 6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing. Avoid breathing in excessive amounts of misted material.

Environmental precautions

- Avoid run off to waterways and sewers

Methods and material for containment and cleaning up

Containment/Clean-up measures

- Clean-up with absorbent material (paper towels, sand, sawdust, universal binders)
- Flush with water where permitted by law.
- Dispose of according to regulations

Reference to other sections

No data available

Section 7. Handling and Storage**Precautions for safe handling**

Handling

- Handle and open container with care
- Keep container tightly closed
- Avoid contact with skin and eyes

Information about protection against explosion and fires

- Product is not flammable.
- No special requirements required.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

- No special requirements

Information about common storage area

- No special requirements

Additional storage information

- No data available

Section 8. Exposure Controls/Personal Protection**Control parameters**

Occupational Exposure Limit Values

- No data available

Exposure Controls

Engineering measures/controls

- No data available

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear safety glasses

Hands

- Wear appropriate gloves

Skin/Body

- Lightweight protective clothing

General industrial hygiene considerations

- Wash hands before breaks and at the end of work

Environmental exposure controls

- No data available

Section 9. Physical and Chemical Properties

Appearance/Description	Pink liquid		
Odor	Mild sweet odor	Odor Threshold	No data available
pH	5.5	Specific Gravity	1
Melting Point/Range	No data available	Boiling Point/Range	100°C (212°F)
Water Solubility	Soluble	Viscosity	No data available
Partition coefficient: n-octanol/water	No data available	Decomposition Temperature	No data available
Volatility			
Vapor Pressure	23 mbr @ 20°C	Vapor Density	> 1
Evaporation Rate	> 1	Explosive Properties	Product is not explosive
Flammability (solid, gas)	Product is not flammable		
Flash Point	No data available	UEL	No data available
Auto-ignition Temperature	No data available	LEL	No data available

Section 10. Stability and Reactivity

Reactivity	• No hazardous reactions known
Chemical Stability	• Stable at normal temperatures
Possibility of hazardous reactions	• No hazardous reactions known
Conditions to avoid	• No data available
Incompatible materials	• No data available
Hazardous decomposition products	• No dangerous decomposition products known

Section 11. Toxicological Information**Information on toxicological effects**

Likely routes of exposure	• Inhalation, ingestion, eyes and skin contact
Acute/potential health effects	
Inhalation	• Inhalation of liquid vapor may result in irritation of the upper respiratory tract (mouth, nose, throat).
Skin	• Skin contact may produce itching and temporary mechanical irritation.
Eyes	• Eye contact may produce temporary mechanical irritation.
Ingestion	• May cause temporary mechanical irritation of digestive tract, nausea, vomiting and diarrhea.
Sensitizing effects	
	• No data available
Acute toxicity data	
	• No data available
Delayed and immediate effects as well as chronic effects from short and long term exposure	
	• No data available
Carcinogenicity	• IARC, NTP or OSHA identifies no component of this product that is present at levels greater than or equal to 0.1% as a human carcinogen.

Section 12. Ecological Information

Ecotoxicity	• No data available
Persistence and degradability	• No data available
Bioaccumulative potential	• No data available
Mobility in soil	• No data available
Other information	• Do not discharge product unmonitored into environment

Section 13. Disposal Considerations

Waste treatment methods

Recommendation

Contaminated packaging

Other

- Dispose of in accordance with all local, state and federal regulations.
- Dispose of in accordance with all local, state and federal regulations.
- Waste is not hazardous as defined by RCRA (40 CFR)

Section 14. Transport Information**Land Transport (DOT)**

UN number

UN proper shipping name

Transport hazard classes

Note

- Not applicable
- Not applicable
- Not applicable
- Product is not dangerous according to regulations

Marine Transport

UN number

UN proper shipping name

Transport hazard classes

Marine pollutant

Note

- Not applicable
- Not applicable
- Not applicable
- No
- Product is not dangerous according to regulations

Air Transport

UN/ID number

UN proper shipping name

Transport hazard classes

Note

- Not applicable
- Not applicable
- Not applicable
- Product is not dangerous according to regulations

Section 15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**OSHA Hazardous Communications
Standard (29CFR 1910.1200)

SARA Hazard Categories

TSCA

CERCLA

US - SARA - Section 313

California Prop 65

- This product is not considered hazardous
- No data available
- This product contains materials listed in the TSCA inventory or otherwise complies with TSCA requirements.
- No reportable ingredients
- No reportable ingredients
- This product contains no chemicals known by the state of California to cause cancer or birth defects.

Section 16. Other Information

Last Revision Date

Preparation Date

- 08/12/2024
- 03/01/2015

Disclaimer

This document has been prepared using data from current manufacturer's SDS's of the component parts of the product and from other sources considered to be technically reliable. This document is not meant to be an all-inclusive document on worldwide hazard communication regulations and shall be used only as a guide. 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, in addition to complying with all Federal, State, Provincial and Local laws and regulations. The information contained in this SDS is furnished without warranty, expressed or implied, regarding the accuracy or results obtained from the use thereof. Vacalon assumes no legal responsibility for the use or reliance upon the data in this sheet. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information or the misuse of the product.

© Copyright 2021 Vacalon Company, Inc