



Safety Data Sheet

Specialized Hydrating Serum

Section 1. Identification

Product Identifier	Specialized Hydrating Serum		
Synonyms	MSD_SDS0500; MSC098HS02; MSC098HS04		
Manufacturer Stock Numbers	MSC098HS04; MSC098HSPACK; MSC098HS02		
Recommended use	Cosmetic		
Uses advised against	N/A		
Manufacturer Contact			
Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	TOXIC TO REPRODUCTION - Category 2
Signal Word	Warning
Pictogram	



Hazard Statements Suspected of damaging fertility or the unborn child.

Precautionary Statements

Response If exposed or concerned: Get medical advice/attention.

Prevention Do not handle until all safety precautions have been read and understood.

Storage N/A

Disposal Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Octamethylcyclotetrasiloxane is compounded in this formula for use as a topical consumer product. Several toxicity studies on this chemical have determined that it is not easily absorbed and passed through the skin. Therefore, it is not anticipated to be a reproductive hazard in this product.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
57-13-6	Urea	20 %
556-67-2	Octamethylcyclotetrasiloxane	0.01% - 0.1%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation: N.A.

Skin contact: Gently wash with plenty of soap and water. Seek medical attention if irritation persists.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor/physician if you feel unwell.

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

Most important symptoms and effects (acute and delayed): Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact: May cause eye irritation.

Immediate medical attention and special treatment, if necessary: Other medical advice or treatment: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable Extinguishing Media	Do not use a heavy water stream.
Special hazards arising from the substance or mixture:	Hazardous decomposition products in case of fire: Toxic fumes may be released.
Special protective equipment and precautions for fire-fighters:	Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	No additional information available
Methods and materials for containment and cleaning up:	Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Other information: Dispose of materials or solid residues at an authorized site.
Reference to other sections:	For further information refer to section 8.

Section 7. Handling and Storage

Precautions for safe handling:	Precautions for safe handling: Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Hygiene measures: Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Storage conditions:	Keep only in the original container in a cool, well ventilated place away from heat or open flame. Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Urea	N/A	N/A	N/A
	Octamethylcyclotetrasiloxane	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Appropriate engineering controls:	Ensure good ventilation of the workstation.			
Personal protective equipment:	Not normally needed. Avoid all unnecessary exposure. Wash hands, forearms, and face thoroughly after handling.			
Hand protection:	Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.			
Eye protection:	Not normally needed. If contact is likely, safety glasses with side shields are recommended.			
Skin and body protection:	Wear suitable protective clothing.			
Respiratory protection:	No personal respiratory protective equipment normally required. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Odor	Characteristic
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.D.
FP Method	N.D.
pH	5.5
Melting Point	N.A.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	Non flammable
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.

Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability:	Not established.
Possibility of hazardous reactions:	Not established.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures.
Incompatible materials:	Not determined.
Hazardous decomposition products:	Not determined.

Section 11. Toxicological Information

Information on toxicological effects:	Acute toxicity: Not classified Urea CAS-No. 57-13-6 LD50 oral rat: 8471 mg/kg ATE US (oral): 8471 mg/kg Octamethylcyclotetrasiloxane CAS-No. 556-67-2 LD50 oral rat: 1540 mg/kg LD50 dermal rabbit: 794 µl/kg LC50 Inhalation - Rat: 36 g/m ³ (Exposure time: 4 h) ATE US (oral): 1540 mg/kg body weight ATE US (dermal): 794 mg/kg body weight ATE US (vapors): 36 mg/l/4h ATE US (dust, mist): 36 mg/l/4h
Skin corrosion/irritation:	Not classified.
Serious eye damage/irritation:	Not classified.
Respiratory/Skin sensitization:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Octamethylcyclotetrasiloxane is compounded in this formula for use as a topical consumer product. Several toxicity studies on this chemical have determined that it is not easily absorbed and passed through the skin. Therefore, it is not anticipated to be a reproductive hazard in this product.
Specific Target Organ Toxicity - Single Exposure:	Not classified.
Specific Target Organ Toxicity - Repeated Exposure:	Not classified.
Aspiration hazard:	Not classified.

Section 12. Ecological Information

Toxicity:	Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. Urea CAS-No. 57-13-6 LC50 fish 1: 16200 – 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata) EC50 Daphnia 1: 3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) Octamethylcyclotetrasiloxane CAS-No. 556-67-2 LC50 fish 1: > 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio) LC50 fish 2: > 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
Persistence and degradability:	Not established.
Bioaccumulative potential:	Not established.
Mobility in soil:	No additional information available.
Other adverse effects:	Other information: Avoid release to the environment.

Section 13. Disposal

Waste treatment methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials:	Avoid release to the environment.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IATA:	Not Regulated
IMDG:	Not Regulated

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.

TSCA: All components are listed or exempt.
CERCLA Hazardous Substance List: N.A.
Clean Air Act (CAA) Section 112, 112 (r): N.A.
State Regulations: N.A.

Section 16. Other Information

Revision Date 11/15/2023

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

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