



SAFETY DATA SHEET

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Revision Date: New

Version: USA

1. PRODUCT IDENTIFICATION

Product Name: Design Essentials® Therapeutics Anti-Itch Hair & Scalp Treatment
Product ID: RNA 68-128-1
Product Type: Finished Retail Product - Consumer Use Only
Recommended Use: Shampoo for Hair
Restrictions on Use: Use only as directed on label.
Manufacturer: RNA Corporation
13750 Chatham Street
Blue Island, IL 60406 USA
Phone Number: +708-597-7777
Emergency Transportation Telephone: Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2. HAZARD IDENTIFICATION

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard Category:

Classification: 2A
Signal Word: Warning
Hazard Statements: Causes serious eye irritation.
Causes skin irritation.
Harmful to aquatic life



Hazard pictograms:

Precautionary Statements Prevention: Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/ eye protection/ face protection.
Avoid release to the environment

Precautionary Statements Response: 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 advice/ attention.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

Precautionary Statements Storage: None
Precautionary Statements Disposal: Dispose of contents / container to a approved waste disposal plant
Hazards not otherwise classified (HNOC): None
Interactions with other chemicals: None known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	Weight %	Trade Secret
Salicylic Acid	2-Hydroxybenzoic acid	69-72-7	<2	No

4. FIRST AID MEASURES

First aid measures for different exposure routes;

Eye Contact: In case of contact, immediately flush eyes with plenty of water, remove any contact lenses, and continue flushing for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: Not expected to cause irritation, however it is best to wash skin with plenty of water while removing contaminated clothing and shoes.

Inhalation: Remove to fresh air.

Ingestion: Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea. DO NOT induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: Eye irritation.

Indication of immediate medical attention and special treatment needed: None Known

Notes to Physician Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use Dry chemical, Carbon Dioxide, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media: High pressure water jet may cause frothing.

Special hazard: Hazardous decomposition products are oxides of carbon and nitrogen including carbon dioxide and carbon monoxide.

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Water can be used to cool fire-exposed containers.

Specific hazards arising from the chemical: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Avoid contact with eyes.

Advice for emergency responders: Wear appropriate personal protective equipment. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact.

Environmental Precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up:

Methods for containment: Contain spilled material with dikes or absorbents.

Methods for cleaning up:

Small Spill Procedure: Contain spilled material. Absorb with inert material and place in disposal container. Wash

Large Spill Procedure: down area with detergent. Contain spilled material. Prevent additional discharge of materials if possible to do without hazard. Dike large spills. Absorbed with inert material, sweep, or scrape up and containerize. Wear / use appropriate protective equipment. Treat or dispose of residue in accordance with all federal, state, and local requirements.

7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on safe handling: Avoid contact with eyes. Wash hands thoroughly after using or handling.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Secure container after each use. Store in a cool, dry, secure area.

Incompatible products: None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Component	ACGIH-TLV-TWA	OSHA PEL:TWA	OSHA PEL: TWA	NOISH REL: TWA
Salicylic Acid	None listed	None listed	Not listed	None listed

Control parameters:

Exposure Guidelines: No relevant exposure guidelines for other ingredients.

Exposure controls

No adverse effects expected but use adequate general or local exhaust ventilation to keep airborne concentrations to a minimum.

Personal Protective Equipment

Eye Protection: Requires Eye Protection. When splashing of the material may occur, chemical goggles and/or a face shield or are recommended.

Hand protection: Where contact is likely to occur, chemical resistant gloves should be used. Dispose of contaminated disposable gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Skin protection: Where contact is likely to occur, Use impervious protective clothing, including boots, gloves, lab coat, apron, or coveralls, as appropriate to prevent skin contact.

Respiratory Protection: Under normal use conditions with adequate ventilation and eye protection, no other special handling equipment is required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

General Hygiene: Wash and dry hands thoroughly after handling. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @25°C: Semi Solid
Appearance: Soft Off White Wax
Odor: Menthol Fragrance
Odor threshold: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH value:	N.A.	@ 25°C
Melting / Freezing Point:	No information available	
Boiling Point / Boiling Range:	No information available	> 212°F
Flash Point:	No information available	Not considered Flammable.
Evaporation Rate:	No information available	
Flammability (solid, gas):	No information available	
Flammability Limits in Air;		
Upper flammability limit:	No information available	

Lower Flammability Limit:	No information available	
Vapor pressure:	No information available	
Vapor density:	No information available	
Relative density:	N.A.	(H ₂ O = 1)
Water solubility:	Miscible	
Solubility in other solvents:	No information available	
Partition coefficient: n-octanol/water:	No information available	
Evaporation rate:	No information available	
Auto Ignition temperature:	No information available	
Decomposition Temperature:	No information available	
Viscosity of Product:	N.A.	@ 25°C
VOC Content (%)	-0-None	

10. STABILITY AND REACTIVITY

Reactivity:	None under normal use conditions.
Stability:	Stable under normal conditions.
Hazardous polymerization:	Does not occur.
Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Llght
Materials to avoid:	Strong oxidizing agents, Strong bases, Iodine, Iron and iron salts.
Hazardous Decomposition Products:	Upon combustion product will yield carbon monoxide, carbon dioxide and various hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure;

Inhalation:	No known effect.
Skin contact:	No known effect.
Ingestion:	No known effect.
Eye contact:	No known effect.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity:	No known effect.
Skin corrosion/irritation:	No known effect.
Serious eye damage/eye irritation:	No known effect..
Skin sensitization:	No known effect.
Respiratory sensitization:	No known effect.
Germ cell mutagenicity:	No known effect.
Neurological Effects:	No known effect.
Reproductive toxicity:	No known effect.
Developmental toxicity:	No known effect.
Teratogenicity:	No known effect.
STOT - single exposure:	No known effect.
STOT - repeated exposure:	No known effect.
Target Organ Effects:	No known effect.
Aspiration hazard:	No known effect.
Carcinogenicity:	No known effect.
Component Information:	Acute Toxicity for Salicylic Acid

Hazardous Component	Oral LD50 mg/kg	Dermal LD50 mg/kg	Vapor LC50 mg/kg	Skin corrosion / irritation Serious Eye damage/eye irritation	Respiratory or skin Sensitization	Germ Cell Mutagenicity
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Salicylic Acid	(Rat-male-891) (OCED Test guideline 401) Remarks: Behavioral; muscle weakness	Rat – male & female >2000 (OCED Test guideline 402)	Rat - 1 h - > 900 mg/m3	Skin - Rabbit Result: No skin irritation - 4 h- (OCED Test guideline 404) Eyes - Rabbit Result: Risk of serious damage to eyes.	Mouse Result: Does not cause skin sensitization.	Mouse lymphocyte Result: negative (OECD Test Guideline 475) Mouse - male Result: negative
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12. ECOLOGICAL INFORMATION

Ecotoxicity:	For Salicylic Acid, toxicity:	
	Toxicity to fish	EC50 - Lepomis macrochirus - > 500 mg/l - 48 h
	Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - 870 mg/l - 48 h (OECD Test Guideline 202)
	Toxicity to algae Growth inhibition	EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) - > 100 mg/l - 72 h (OECD Test Guideline 201)
Persistence and degradability:	For Salicylic Acid:	
	aerobic - Exposure time 4 d	
	Result: > 90 % - Inherently biodegradable..	
Bioaccumulative potential:	No information available.	
Mobility:	No information available.	
Other adverse effects:	No information available.	

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products: Treat or dispose of waste material in accordance with all local, state (provincial), and national laws and regulations. This product, if it becomes a waste, is not considered a hazardous waste according to RCRA criteria (40 CFR 261).

Contaminated packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT: Not regulated for transport.

IMDG: Not regulated for transport.

IATA: Not regulated for transport.

15. REGULATORY INFORMATION

Regulatory Disclosures: This product is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as directed.

U.S. Federal Regulations

SARA 302: No information available but none are believed to be reportable.

SARA 311/312: Acute Health Hazard (Salicylic Acid only).

SARA 313: No information available.

CERCLA: No information available.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): No information available.

Clean Water Act: No information available.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

California Cosmetics Act: Not reportable

U.S. State Regulations (RTK):

New Jersey Right to Know – Petroleum Jelly (48%), (8009-03-8)
New Jersey Right to Know - Salicylic Acid (69-72-7).
Pennsylvania Right to Know - Salicylic Acid (69-72-7).
No other state information available.

International Inventories

United States: No information available.

Canada: No information available.

16. OTHER INFORMATION

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

NFPA	Health: 1	Flammability: 0	Reactivity: 0	Special Notice: None
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HMIS	Health: 1	Flammability: 0	Reactivity: 0	Personal Protection: A
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PREPARED BY: PSK (Refer to Page 1 for contact information.)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification by RNA Corporation. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This information and product are furnished on the condition that the person, company or organization receiving them shall make his own determination as to the suitability of the product for his particular purpose on the condition that he assumes the risk thereof.