Safety Data Sheet RW-96

Supercedes Date 05/20/2013 **Issuing Date** 04/10/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name RW-96
Recommended use Cleaning agent
Information on Manufacturer
Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code 0460
Chemical nature Mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Grass green **Physical state** Liquid **Odor** Odorless

GHS Classification

Physical Hazards
None

Health Hazard
Serious Eye Damage/Eye Irritation Category 2A

Other hazards
None

Labeling
Signal Word
WARNING

Hazard statements
H319 - Causes serious eye irritation

Precautionary Statements
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Sodium dodecylbenzenesulfonate	25155-30-0	10-30
Sodium tripolyphosphate	7758-29-4	5-10
Sodium xylene sulfonate	1300-72-7	1-5
Sodium hydroxide	1310-73-2	0.1-1

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Avoid breathing mist.
Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash **Method** No data available

Flammability Limits in Air %: Not applicable. **Upper:** No data available **Lower:** No data available

Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Water spray. Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 2	**Flammability** 0	**Instability** 0
HMIS	**Health** 2	**Flammability** 0	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Acetic acid, diluted.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing mist.						
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.						
Storage Temperature	**Minimum**	36 °F / 2 °C			**Maximum**	120 °F / 49 °C	
Storage Conditions	**Indoor**	X	**Outdoor**	X	**Heated**		**Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Sodium hydroxide	Ceiling: 2 mg/m^3	TWA: 2 mg/m^3	10 mg/m^3 Ceiling: 2 mg/m^3

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Semi-viscous
Color	Grass green	**Odor**	Odorless
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	11.49	**Specific Gravity**	1.109
Evaporation Rate	0.45 (BuAc = 1)	**Percent Volatile (Volume)**	76.1
VOC Content (%)	0.2	**VOC Content (g/L)**	2
Vapor Pressure	15.44 mmHg @ 70°F	**Vapor Density**	0.6 (Air= 1)
Solubility	Soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	212 °F / 100 °C	**Flammability (solid, gas)**	No data available
Flash Point	Does not flash	**Method**	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable	**Upper:** No data available **Lower:** No data available	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known.

Incompatible Products Strong oxidizing agents, Acids.
Decomposition Temperature No data available
Hazardous Decomposition Products Carbon oxides, Sulfur oxides, Oxides of phosphorus, Phosphorus compounds, Hydrogen sulfide and smoke, Sodium oxides.
Possibility of Hazardous Reactions None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document
Oral LD50 No information available
Dermal LD50 No information available
Inhalation LC50
Gas No information available
Mist No information available
Vapor No information available

Principle Route of Exposure Skin contact, Eye contact.
Primary Routes of Entry None known.
Acute Effects:
Eyes Causes serious eye irritation.
Skin Low hazard for usual industrial or commercial handling.
Inhalation Low hazard for usual industrial or commercial handling.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity No information available.
Target Organ Effects Skin, Eyes, Respiratory system.
Aggravated Medical Conditions Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Sodium dodecylbenzenesulfonate 25155-30-0	= 500 mg/kg (Rat)	no data available	No data available	No data available	No data available
Sodium tripolyphosphate 7758-29-4	= 3100 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	No data available	No data available	No data available
Sodium xylene sulfonate 1300-72-7	= 1000 mg/kg (Rat)	no data available	No data available	No data available	No data available
Sodium hydroxide 1310-73-2	No data available	= 1350 mg/kg (Rabbit)	No data available	No data available	No data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium hydroxide 1310-73-2	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficien
Sodium dodecylbenzenesulfonate	No information available.	LC50 = 10.8 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A
Sodium hydroxide	No information available.	LC50 = 45.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Sodium dodecylbenzenesulfonate	1000 lb	Not applicable
Sodium hydroxide	1000 lb	Not applicable

U.S. State Regulations
California Proposition 65 This product contains the following Proposition 65 chemicals:

Component	CAS No.	California Prop. 65
Lead	1317-36-8	carcinogen developmental toxicity
Asbestos	1332-21-4	carcinogen
Benzene	71-43-2	carcinogen developmental toxicity male reproductive toxicity
Lead	7439-92-1	carcinogen developmental toxicity male reproductive toxicity female reproductive toxicity
Mercury	7439-97-6	developmental toxicity
Nickel	7440-02-0	carcinogen
Arsenic	7440-38-2	carcinogen
Beryllium	7440-41-7	carcinogen
Cadmium and compounds (as Cd)	7440-43-9	carcinogen
Chromium	7440-47-3	carcinogen developmental toxicity
Cobalt	7440-48-4	carcinogen
Sulfur dioxide	7446-09-5	developmental toxicity
Ethyl benzene	100-41-4	carcinogen
Toluene	108-88-3	developmental toxicity female reproductive toxicity
Cumene	98-82-8	carcinogen

16. OTHER INFORMATION

Prepared By Samantha Purvis
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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