

## SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: RAIN DANCE® MAX WHEEL BRIGHTENER  
PRODUCT NO: RD200  
RECOMMENDED USE: Automotive Wheel Brightener

COMPANY: Niteo Products, LLC  
Dallas TX, 19162  
844-696-4836

EMERGENCY TELEPHONE NUMBER: CHEMTREC – 800-424-9300

**SECTION 2: HAZARDS IDENTIFICATION****Danger**

Causes severe skin burns and eye damage that may not be felt immediately. Toxic if swallowed, if inhaled, if in contact with skin.

Wear protective gloves/clothing and eye/face protection. Do not breathe mists. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Do not eat drink or smoke when using this product.

Medical Advice/Poison Control Center : Call 800-424-9300/703-741-5970.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or poison control center.

If on skin: Take off immediately all contaminated clothing and wash before reuse. Flood rinse skin with water/shower for 15 minutes. Apply 2.5% calcium gluconate gel to burn sites. Immediately call a doctor or poison control center.

If swallowed: Rinse mouth. Do NOT induce vomiting. Drink water, milk or a solution of calcium gluconate or calcium lactate. Immediately call a doctor or poison control center.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or poison control center.

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/state/federal regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS #	WEIGHT %
Ammonium bifluoride (ammonium hydrogen difluoride)	1341-49-7	15-20**
Quaternary ammonium compounds*	NA	5-10**
Nonionic surfactant*	NA	5-10**

\*Identity of this ingredient is a trade secret

\*\*Exact percentage of this ingredient is a trade secret

**SECTION 4: FIRST AID MEASURES**

If in eyes: Flush with plenty of water for 15 minutes while holding eyelids apart. Get medical attention at once. Trained personnel should apply 1% calcium gluconate by continuous drip.

If on skin: Immediately remove contaminated clothing and rinse area with water for 15 minutes. Apply 2.5% calcium gluconate gel to burn sites. Wash contaminated clothing before reuse. Discard leather goods. Get medical attention at once.

If swallowed: Do not induce vomiting; aspiration hazard. Contact poison control center immediately. Drink water, milk or a solution of calcium gluconate or calcium lactate. Never give anything by mouth to an unconscious person.

If inhaled: Remove to fresh air. If breathing is difficult, get medical attention immediately. Trained personnel should provide 2.5% calcium gluconate solution by nebulizer with victim sitting upright. If victim is not breathing, use Ambu-Bag, do not give mouth-to-mouth resuscitation.

**SECTION 5: FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA: Use water spray, dry chemical, carbon dioxide or "alcohol" foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear as a general precaution.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use personal protective equipment; see Section 8.

Keep product from entering storm sewers and ditches that may lead to waterways.

Stop spill at source; dike and contain large spills and transfer to recovery container. Use absorbent for small spills and containerize.

See Section 13 for disposal.

**SECTION 7: HANDLING AND STORAGE**

Handle according to good manufacturing and warehousing practices. Avoid contact with eyes, skin and clothing.

Store indoors between 40F/4C and 100F/38C

Use product only for intended use. Follow label directions.

Wash hands after handling.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENT	CAS #	OSHA PEL (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling	ACGIH TLV (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling
Ammonium bifluoride	1341-49-7	2.5*	2.5*

EYES: Wear eye protection (i.e. chemical safety glasses with side shields or goggles). Contact lenses should not be worn.

SKIN: Chemical resistant clothing (i.e. gloves) is recommended.

RESPIRATORY PROTECTION: Not expected to be needed. Where over-exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

VENTILATION: Local exhaust or general room ventilation is normally adequate.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash station is recommended

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Purple liquid  
ODOR: Fresh fragrance  
ODOR THRESHOLD: NA  
pH: 4-6  
MELTING/FREEZING POINT: Approx. 32F/0C  
BOILING POINT: APPROX 212F/100C  
BOILING RANGE: NA  
FLASH POINT (CC): >212F/100C  
EVAPORATION RATE: Approx. that of water  
FLAMMABILITY: Not flammable nor combustible  
UPPER/LOWER FLAMMABILITY LIMITS: NA  
UPPER/LOWER EXPLOSIVE LIMITS: NA  
VAPOR PRESSURE: NA  
VAPOR DENSITY: NA  
RELATIVE DENSITY: 9.0 LB/GAL  
SOLUBILITY: Soluble in Water  
PARTITION COEFFICIENT: N-OCTANOL/WATER: NA  
AUTO-IGNITION TEMPERATURE: NA  
DECOMPOSITION TEMPERATURE: NA  
VISCOSITY: Water thin

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: Stable  
CHEMICAL STABILITY: Stable  
POSSIBILITY OF HAZARDOUS REACTIONS: Low.  
INCOMPATIBLE MATERIALS: Avoid oxidizers and reducers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other gases.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute overexposure and prolonged exposure to ammonium bifluoride can cause fluorosis which may result in weight loss, brittle bones, anemia and weakness and stiffness in joints.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecological data for this chemical mixture is not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, state and local environmental regulations.

**SECTION 14: TRANSPORT INFORMATION**

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
DOT	UN2817	Ammonium hydrogendifluoride, Solution	8	PGII	8, (6.1)	-

**SECTION 15: REGULATORY INFORMATION**

WARNING: This product can expose you to chemicals including Ethylene oxide which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Ingredients : Water (7732-18-5), Ammonium bifluoride (1341-49-7), Quaternary ammonium compounds (NA), Nonionic surfactant (NA)

**SECTION 16: OTHER INFORMATION**

NFPA 704

HAZARD RATING

4=Severe	H=Health	H=4
3=Serious	F=Fire	F=0
2=Moderate	R=Reactivity	R=0
1=Slight		
0=Minimal		

Prepared: May 1, 2018

The information provided in this Material 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 the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information related 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. Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which maybe the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer or his agent based on its own studies and on the work of others. Neither the manufacturer nor his agent makes any warranty, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. Neither the manufacturer nor his agent shall be held liable (regardless of fault) to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information. Data is supplied for use only in connection with occupational safety and health.