

# MATERIAL SAFETY DATA SHEET

**Bradley Systems**

Non-Toxic Cleaning Solutions

**Bradley Systems, Inc.**  
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[Bradley-Systems.com](http://Bradley-Systems.com)

## RTX-9 All Purpose Cleaner

### 1. Chemical Product and Company Information

Product Code	RTX-9
Product Name	RTX-9 all purpose cleaner
Product Testing Numbers	RTX 9 ; RTX 9 IND
Recommended Use	cleaner
Supplier	Bradley Systems, Inc., 1101 S. Kilbourn Ave., Chicago, IL 60624 (773)638-9000
Emergency Phone Number	CHEMTREC (800)424-9300

### 2. Hazards Identification

#### Emergency Overview Not Hazardous as Provided

Aggravated Medical Conditions	None known
Principal Routes of Exposure	Eyes, Skin, Inhalation, Ingestion
Potential Health Effects	<b>Eyes</b> None <b>Skin</b> None <b>Inhalation</b> None <b>Ingestion</b> None

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	0



### 3. Composition/Information on Hazardous Ingredients

Chemical Name	Cas-No	Weight%	PEL/TLV (MG/M3)	NTP	IARC
Sodium Hydroxide (50%)	1310-73-2	<1%	2mg/m <sup>3</sup>	No	No

### 4. First Aid Measures (in conformity to ASTM D 4236)

Eye Contact	None required
Skin Contact	None required
Ingestion	None required
Inhalation	None required

### 5. Handling and Storage

Methods for Cleaning Up	Collect and contain for disposal
Handling	No special precautions necessary
Storage	Keep out of the reach of children

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### 6. Fire Fighting Measures

Flash Point °C	98.9° C
Flash Point °F	210° F
Method	ASTM D3278-95
Autoignition Temperature °C	98.9° C
Autoignition Temperature °F	>210° F
<b>Flammability Limits (% in air)</b>	
Upper	Not explosive
Lower	Not explosive
Suitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire
Special Protective Equipment For Firefighters	No special requirements
Sensitivity to Shock	None
Sensitivity to Static Discharge	None

### 7. Exposure Controls/Personal Protection

Ventilation and Environmental Controls	None required
Hygiene Measures	General industrial hygiene measures
Respiratory Protection	None required
Hand Protection	None required
Eye Protection	None required
Skin and Body Protection	None required

### 8. Physical and Chemical Properties

Form	Liquid	Evaporation Rate	No information available
Color	Pinkish-red	Water Solubility	Yes, complete
Odor	Non-descript	VOC Content	.83 of 1% or .07 lbs./gallon
Odor Threshold	Not applicable	Boiling point/range °C	98.7° C
pH	11.4	Boiling point/range °F	210° F
Specific Gravity	1.005	Melting point/range °C	Is already a liquid
Vapor Pressure	at 20° C, < 1 mm Hg	Melting point/range °F	Is already a liquid
Density	at 77° F: 1.0572	Flash point °C	98.9° C
Vapor Density	No information available	Flash point °F	> 210° F

### 9. Stability and Reactivity

Stability	Stable
Conditions to Avoid	None
Incompatibility	None
Hazardous Decomposition Products	None
Polymerization	Not applicable

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### 10. Environmental Information

This Product is Biodegradable

This Product Complies With California Clean Air Rule 1171

This Product Has No Ozone Depleting Ingredients

This Product Has No Global Warming Ingredients

This Product Has No Greenhouse Effect Ingredients

### 11. Disposal Considerations

**Disposal Information** Dispose in accordance with federal, state, and local regulations

**Waste from Residues/Unused Products** None known Dispose in accordance with federal, state, and local regulations

### 12. Transportation Information

**DOT** Not regulated

**TDG** Not regulated

**IMDG/IMO** Not regulated

**IATA** Not regulated

**MEX** Not regulated

### 13. Regulatory Information

**SARA-Section 313 (Toxic Chemical Release Reporting) 40 CFR 372** None of these ingredients are reportable

**CERCLA-Section 102 (Reportable Quantity) 40 CFR 302** None of these ingredients are reportable

**RCRA 40 CFR 261 (Subpart D)** None of these ingredients are reportable

**Clean Water Act - Section 311 (Reportable Quantity) 40 CFR 116** None of these ingredients are reportable

**Clean Air Act - Section 312 (List of Hazardous Air Pollutants)  
40 CFR 63 (Subpart C)** None of these ingredients are reportable

**National Pollutant Release Inventory** None of these ingredients are reportable

**Toxic Substances Control Act (TSCA)** None of these ingredients are reportable

**THIS PRODUCT CONFORMS TO CALIFORNIA CLEAN AIR RULE 1171.**

Revision date, June 2008

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.