



MATERIAL SAFETY DATA SHEET

Wynn's Professional Products Radiator Treatment

WYNN'S
A division of Illinois Tool Works Inc.
1151 West Fifth Street
Azusa, California 91702

EMERGENCY TELEPHONE NUMBER:
Chemtrec (800) 424-9300
INFORMATION TELEPHONE NUMBER:
Wynn's (626) 334-0231

PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Radiator Treatment	12-28-05	68016
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Sodium Nitrite	Nitrous acid sodium salt	7632-00-0	1-5	Not Established	Not Established

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

PHYSICAL DATA

These data are approximate or typical values and should not be used as precise specifications. Unless otherwise noted values are at 20°C(68°F) and 760 mmHg (1 atm).

Boiling Point/Range	212°F(100°C)	Freeze Point	32°F(0°C)
Specific Gravity (H₂O=1) @ 15.6°C	1.06	Vapor Pressure (mm Hg)	N/A
Vapor Density (Air =1)	N/A	Solubility in Water (%)	100
% Volatiles by Volume	86.5	Evaporation Rate (Butyl Acetate = 1)	N/A
pH (as is)	9.8	pH (dilute) @ 5%	9.4
Appearance	Clear green liquid	Odor	Odorless

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flash Point	No Flash °F(°C)	Method	
Flammable or Explosive Limits (Approximate percent by volume in air)			
Lower (LEL)	N/A	Upper (UEL)	N/A

Hazard Class Identification

	Flammability 0		Hazard Code 0 - Least (insignificant)
Health 2		Reactivity 2	1 - Slight
	Other --		2 - Moderate
			3 - High
			4 - Extreme

Extinguishing Media

Water, water spray, foam, dry chemicals.

Special Fire Fighting Procedures

Use water to cool fire exposed containers. Fire fighters wear self contained breathing apparatus.

Unusual Fire and Explosion Hazards

None indicated.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

Flammable hydrogen gas may be produced on prolonged contact with tin, lead and zinc containers. Avoid storing in such containers.

Materials to Avoid

Acids, ammonium salts, oxidizing agents.

Hazardous Decomposition or Combustion Products

Thermal decomposition may produce oxides of carbon, nitrogen and sodium.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) May be harmful if swallowed. Will cause digestive tract irritation.

Skin Contact May absorb through skin on prolonged contact. Will cause irritation to the skin and skin defatting.

Eye Contact Will cause irritation, burning, redness and blurred vision.

Inhalation (breathing) No effect.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. If large quantities are ingested, may cause central nervous system effect.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) DO NOT induce vomiting. Give water to conscious person and get immediate medical attention.

Skin Contact Wash affected area with water and remove contaminated clothing.

Eye Contact Immediately flush with water for 15 minutes. If irritation persists, call for medical help.

Inhalation (breathing) Remove person to fresh air to avoid further inhalation.

Comments NOTE TO PHYSICIANS: Treatment should be controlled by symptoms and clinical conditions by the attending physician.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Absorb spilled liquid with inert absorbent. Shovel into solid waste containers. Keep liquid out of sewers and waterways.

Waste Disposal Method

In accordance with Federal, State and Local regulations.

EPA Reportable Quantity (RQ), 40CFR302 (CERCLA104)

Sodium nitrite (100 lbs), Sodium hydroxide (1000 lbs).

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
Sodium Nitrite	7632-00-0	1-5

HANDLING AND STORAGE

Handling and Storage Precautions

CAUTION: Alkaline liquid. Avoid skin and eye contact. Store in cool dry place. Avoid freezing. DO NOT store in opened containers. Use entire contents.

Other Precautions

KEEP OUT OF REACH OF CHILDREN!

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

None required.

Respiratory Protection

None required.

Eye Protection

Safety glasses.

Protective Gloves

Rubber, plastic gloves.

Other Protective Clothing or Equipment

Safety shoes or boots. Eye wash station.

Work/Hygienic Practices

Personal cleanliness is always appropriate. Frequent washing minimizes inadvertent exposure.

TRANSPORTATION INFORMATION

Department of Transportation (DOT) Classification

	Flammable Liquid		Corrosive
	Flammable Solid		Non-Flammable Gas
	Flammable Gas	XXX	Not Hazardous by DOT
	Combustible Liquid		Other:

DOT Proper Shipping Name

N/A

DOT ID Number

N/A

DOCUMENTATION

Product Code No.: 68016
Previous Code No.: 68016

Issue Date: 12-28-05
Prior Date: 11-17-97

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.