



MATERIAL SAFETY DATA SHEET

Wynn's Professional Products Engine Degreaser – Aerosol

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

EMERGENCY TELEPHONE NUMBER:
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INFORMATION TELEPHONE NUMBER:
Wynn's (626) 334-0231

PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Professional Products Engine Degreaser - Aerosol	12-31-05	57004
CHEMICAL NAME	CAS NUMBER	
NA	NA	

HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV-TWA
Sodium Metasilicate Anhydrous	Silicic Acid, Disodium Salt	6834-92-0	Not Established	Not Established
Hydrocarbon Propellant	Propane	74-98-6	1000 ppm	1000 ppm
Hydrocarbon Propellant	n-Butane	106-97-8	800 ppm	800 ppm

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	>200°F (>93C)	Freeze Point	N/D
Specific Gravity (H₂O=1) @ 15.6°C	0.98-1.010	Vapor Pressure (PSIG)	44-48
Vapor Density (Air =1)	>1	Solubility in Water (%)	Soluble
% Volatiles Organic Compounds (CARB)	4.0	Evaporation Rate (Butyl Acetate = 1)	<1
pH (as is)	>7	pH (dilute) @ %	NA
Appearance	Clear	Odor	Mild ether odor

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

FIRE AND EXPLOSION HAZARD DATA

Flammability per flame projection test Non-flammable

Flammable or Explosive Limits (Approximate percent by volume in air)

Lower (LEL) N/A

Upper (UEL) N/A

Hazard Class Identification

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

Extinguishing Media

Carbon Dioxide, Dry Chemical or Foam.

Special Fire Fighting Procedures

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

Unusual Fire and Explosion Hazards

Exposure to heat may cause cans to burst.

REACTIVITY DATA

Stability

Stable.

Conditions to Avoid

DO NOT store above 120°F, heat, open flame.

Materials to Avoid

Strong oxidizers, strong alkalis.

Hazardous Decomposition or Combustion Products

Carbon monoxide, carbon dioxide.

Hazardous Polymerization (conditions)

Will not occur.

HEALTH HAZARDS/ROUTES OF ENTRY

Signs, Symptoms and Effects of Overexposure

Ingestion (swallowing) Harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin Contact May cause irritation, redness and defatting of skin.

Eye Contact Irritant to eyes.

Inhalation (breathing) May cause dizziness, nausea and narcosis in high vapor concentration.

Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. In a confined area vapors in high concentration are anesthetic. Irritant to skin and upper respiratory system. Overexposure may result in light-headedness, staggering gait, giddiness and possible nausea.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion (swallowing) Call physician immediately. DO NOT induce vomiting.

Skin Contact Wash with soap and water and remove contaminated clothing.

Eye Contact Flush with water for at least 15 minutes.

Inhalation (breathing) Remove patient to fresh air.

SPILL OR RELEASE CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

Remove all sources of ignition. Ventilate area. Remove with absorbent material. Use non-sparking tools. Put into container.

Waste Disposal Method

Dispose of in accordance to Federal, State and Local regulations.

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

N/A

EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)

Chemical	CAS NO.	% in Product
N/A	N/A	N/A

HANDLING AND STORAGE

Handling and Storage Precautions

DO NOT store above 120°F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

Other Precautions

KEEP AWAY FROM CHILDREN.
DO NOT puncture or incinerate.
DO NOT spray near fire or open flame.

PERSONAL PROTECTION - EXPOSURE CONTROL

Ventilation

Provide local exhaust ventilation to keep exposure levels below TLV and LEL limits.

Respiratory Protection

Normal use, none required.

Eye Protection

Safety glasses

Protective Gloves

Impervious gloves

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

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

TRANSPORTATION INFORMATION

Department of Transportation (DOT) Classification

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

DOT Proper Shipping Name

Aerosols

DOT ID Number

UN1950

NOTE: CONSUMER COMMODITY, ORM-D MAY BE USED FOR GROUND TRANSPORTATION WITHIN THE USA.

DOCUMENTATION

Product Code No.: 57004
Previous Code No.: 57002, 57004

Issue Date: 12-31-05
Prior Date: 06-06-03

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