

SAFETY DATA SHEET

Revision Date: 5/19/16

This Safety Data Sheet may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 910.1200 and ANSI Z400-1-1998.

Section 1: Identification of the Product and of the Company

Product Code	VG-131
Trade Name	Heavy Duty Engine Degreaser
Product Description	Mixture
General Use	Engine Degreaser
Manufacturer	Automotive International
Address	8855 Blue Ash Rd. Cincinnati, Ohio 45242
Phone	(513) 489-7883 (8am-5pm M-F)
Fax	(513) 489-1329
Chemtrec	(800) 262-8200 (24 hour)
Outside U.S.	(703) 741-5500

Section 2: Hazards Identification

OSHA Hazards	Corrosive liquid
Signal Word	Danger
Hazard Statement(s)	H290 May be corrosive to metals H302 Harmful if swallowed H315 Causes skin irritation H320 Causes eye irritation

Pictogram(s)



Precautionary Statement(s)	P305 IF IN EYES: Rinse cautiously with water for several minutes. +351 Remove contact lenses if present and easy to do so – +338 continue rinsing.
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Section 3: Composition/Information on Ingredients

Components	CAS #	Weight %
Water	7732-18-5	>60
Propylene Glycol Methyl Ether	34590-94-8	<8
Alcohol Ethoxylate	68439-46-3	<5
Potassium Hydroxide	1310-58-3	<5
Sodium Metasilicate	6834-92-0	>5

Hazardous Components

(OSHA 29 CFR 1910.1200)

Potassium Hydroxide
Sodium Metasilicate

The specific chemical identities and/or exact percentage concentration of composition may have been withheld as a trade secret.

VOC Compliant 11/29/04**Section 4: First Aid Measures**

Inhalation	None known
Skin Contact	Wash with soap and water. Rinse thoroughly.
Eye Contact	Rinse with water for 15 minutes. Get medical attention if irritation persists.
Ingestion	Do not induce vomiting. Get medical attention.
Symptoms/Effects	None known

Section 5: Firefighting Measures

Hazardous Combustion Products	Possible oxides of carbon.
Firefighting Instructions	Use water mist to cool fire exposed drum.
Firefighting Equipment	Bunker gear and SCBA.

Section 6: Accidental Release Measures

Land Spill	Avoid run off into storm sewers or ditches by containment with sand or absorbent material.
Water Spill	Remove from water with suitable absorbent material.

Section 7: Handling and Storage

Precautions for Safe Handling	Take normal care to prevent prolonged skin contact.
Precautions for Safe Storage	Keep from freezing or from heating above 120°F. Store in original container.

Section 8: Exposure Controls/Personal Protection**Components** OSHA PEL & ACGIH TLV

Engineering Controls	The use of mechanical ventilation is not needed under normal conditions.
Personal Protective Measures	Not needed under normal conditions. The use of rubber gloves is recommended for prolonged contact.

Section 9: Physical and Chemical Properties

Appearance	Non viscous, clear purple liquid
Odor	Detergent
Odor Threshold	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Specific Gravity	1.03 @ 70°F
pH	13.0 – 14.0
Viscosity	Not available
Weight/Gallon	8.52 lb/gal
Freezing Point	Not available
Boiling Point	Not available
Solubility in Water	Completely
Percent Volatile	Not available
Flash Point and Method	Will not flash
Flammable Limits	Not available
Auto Ignition Temperature	Not available
Decomposition Temperature	Not available
Evaporation Rate	0.1 (n-butyl acetate=1)
Partition Coefficient: n-octanol/water	Not available
VOC%	51 g/liter (calculated)

Section 10: Stability and Reactivity

Chemical Stability	This product is stable and hazardous polymerization will not occur.
Materials to Avoid	Aluminum
Conditions to Avoid	None
Hazardous Decomposition	Possibility of Hydrogen gen if contact with aluminum.

Section 11: Toxicological Information

The complete toxicological data for each ingredient is unknown and otherwise beyond the scope of this document.

Section 12: Ecological Information

This product maybe harmful to fish and algae upon immediate exposure.

Section 13: Disposal Considerations

Refer to Sections 5, 6, and 15 for disposal and regulatory information.

Section 14: Transportation Information

DOT Shipping Description Corrosive liquid

Section 15: Regulatory Information

TSCA All components are listed on the TSCA.

CERCLA Not reportable

SARA Title III No known reportable ingredients.

Section 16: Other Information

NFPA Rating Health Hazard-1 Fire-0 Reactivity Hazard-0
Key: 4=severe, 3=serious, 2=moderate, 1=slight, 0=minimal

Disclaimer The information contained herein is based on data considered accurate.
However, no warranty is expressed or implied regarding the accuracy
of this data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person.
Proximate cause by the material if reasonable safety procedures are
not adhered to as stipulated in the data sheet. Additionally, vendor
assumes no responsibility for injury to vendee or third persons
proximately caused by abnormal use of the material, even if reasonable
safety procedures are followed. Furthermore, vendee assumes the risk
in his use of the material.