

MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

ENGINE DEGREASER PART NO. 52165

SECTION I – PRODUCT IDENTITY

Product Name : Degreaser

SECTION II - HAZARDOUS INGREDIENTS

		<u> </u>	<u>ACGIH</u>	
COMPONENTS	CAS#	PEL	<u>TLV</u>	WGT %
Petroleum Distillate, Kerosene	8008-20-6	400 PPM	Not Established	88
Propane	74-98-6	1000	Asphyxiant	10

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*** No Toxic Chemical(s) Subject to the Reporting Requirements of Section 313 of Title III of 40 CFR 372 are Present. ***

SECTION II – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (Range) : -44°F TO 350°F Vapor Density (Air=1) : Heavier than air

 $\begin{array}{lll} \mbox{Solubility in Water} & : & \mbox{Nil} \\ \mbox{Specific Gravity } (\mbox{H}_20=1) & : & 0.77 \end{array}$

Evaporation Rate : Slower than ether Appearance and Odor : Aerosol product

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : -156⁰F (estimated) Flammable Limits : LEL - 1.2 UEL - 9.5

Extinguishing Media : Water fog, foam, dry chemical or C0₂

Special Fire Fighting Procedures : Water spray may be innefective. Water may

be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing appa-

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ratus.

Unusual Fire and Explosion Hazards

: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

SECTION V – REACTIVITY DATA

Stability : Stable

Conditions to Avoid : Application to hot surfaces. Storage above

120°F. Exposure to open flame.

Incompatibility (Materials to Avoid) : Strong oxidizing agents.

Hazardous Decomposition or Byproducts : May produce fumes when heated to decompo-

sition. Fumes may contain carbon monoxide and

other toxic fumes.

Hazardous Polymerization : Will not occur.

SECTION VI – HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of

Exposure : Resp

: Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired co-ordination.

Skin Contact Health Risks and Symptoms of

Exposure

: Contact may dry the skin; prolonged contact may cause moderate irritation.

Eye Contact Health Risks and Symptoms of

Exposure

: Liquid or vapor can cause moderate to severe irritation.

Skin Absorption Health Risks and Symptoms

of Exposure

: Not easily absorbed. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.

Ingestion Health Risks and Symptoms of

Exposure

: Not a likely route of exposure. If swallowed, seek immediate medical advice and/or attention.

Health Hazards (Acute and Chronic)

Acute : Eye irritant. Possible skin irritant.

Chronic : None known.

CARCINOGENICITY:

NTP Carcinogen : No IARC Monographs : No OSHA Regulated : No

Medical Conditions Generally Aggravated by

Exposure : None known.

EMERGENCY AND FIRST AID PROCEDURES:

Remove to fresh air. Administer oxygen if Inhalation

needed. Apply artificial respiration if breathing

has stopped. Get medical attention.

Wipe off with towel. Wash with soap and Skin

> water. Get medical attention if irritation persists. Wash immediately with large volumes of

fresh water for at least 15 minutes. Get medical

attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released

Eyes

or Spilled Avoid breathing vapors. Ventilate area.

> Remove all sources of ignition. Clean up area with absorbent material and place in closed con-

tainers for disposal.

: Dispose of in accordance with local, state, and Waste Disposal Method federal regulations. Before attempting clean up,

refer to other sections of this MSDS for hazard

caution information.

Other Precautions Use with adequate ventilation. To prevent

> vapor build-up, open doors and windows or use in an explosion-proof exhaust fan to ensure fresh

air exchange during and after use. Do not

breathe vapor, gas or spray mist. When using, do not eat, drink or smoke. Avoid contact with eyes, skin and clothing. Wear protective equipment. Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Empty containers retain product residues; follow label warnings even after can is emptied. Do not

store in basements.

SECTION VIII - CONTROL MEASURES

Respiratory Protection : Avoid breathing vapors. Use with adequate

> ventilation equal to out of doors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor con-

centrations above PEL/TLV limits.

: Sufficient to prevent inhalation of solvent Ventilation vapors. General dilution and/or local exhaust

> ventilation in volume or pattern to keep PEL/ TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

Protective Gloves : Solvent resistant gloves required for pro-

longed or repeated contact.

Eye Protection : Use of safety glasses with splash guards or

full face shield is recommended.

Other Protective Clothing or Equipment : Use of solvent resistant aprons or other cloth-

ing is recommended.

Work/Hygienic Practices : Eye washes and safety showers in the work-

place are recommended.

SECTION IX – HAZARD COMMUNICATION CODES

HMIS CODES:

Health : 1
Flammability : 4
Reactivity : 0

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