



OAK INDUSTRIAL SUPPLIES
“THE INDUSTRIAL SUPPLIES PEOPLE”

TECHNICAL DATA SHEET

BLUE DIAMOND GREASE EATER

DESCRIPTION

E501/EP8350 is a blend of powerful degreasing solvents and emulsifiers designed for use as a dilutable concentrate in heavy duty degreasing applications. It does not contain any acid or alkali material. E501/EP8350's concentrated power penetrates and loosens embedded grease, grime and soiling allowing easy removal by rinsing away with water. The product may be used to degrease engines, concrete floors and machinery leaving all surfaces bright and clean.

TYPICAL CHARACTERISTICS

Appearance	-	Pale straw coloured liquid
Odour	-	Hydrocarbon solvent
Specific gravity @ 20 °C	-	0.81 +/- 0.01
Flash Point	-	70 °C

TYPICAL APPLICATIONS

E501/EP8350 is ideal for degreasing engines, machines, chassis, wheels, concrete floors, tanks, compressors, tractors, etc. Typical customers would include; vehicle repair shops, service stations, transport garages, industrial plants, railway workshops, boatyards, dockyards and marine workshops.

METHOD OF USE

This product is diluted with between 3 and 10 parts of paraffin depending on the degree of soiling and speed of action required and can be used neat for severe applications. Spray or brush the solutions onto the surface, or immerse parts in the tank. Allow to soak thoroughly, brush stubborn areas then, hose off with water. For steam cleaning, emulsify the product with 5-10 parts water and feed the emulsion into the lance. For engine degreasing, improved results will be obtained if the engine is warm.

STORAGE

Ensure that products are stored safely in a non-smoking area.

PRODUCT CLASSIFICATION

This product is given the group classification E. This is a solvent based product with a flash point in excess of 38 °C. Keep away from naked flames.



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HEALTH & SAFETY DATA SHEET

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BLUE DIAMOND GREASE EATER

IDENTIFICATION OF THE PREPARATION AND THE COMPANY:

SUBSTANCE NAME: DEGREASER
SYNONYMS, TRADE NAMES: E501
COMPANY IDENTIFICATION: Oak Industrial Supplies, Hamilton Road, Sutton in Ashfield, Nottinghamshire, NG17 5LN
EMERGENCY TELEPHONE: 01623 442222 **FAX:** 01623 441234

COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CONTENTS	HEALTH RISK (class) (R.No.)
Aliphatic hydrocarbon	> 50%	R65
Alkyl Phenol Ethoxylate	< 15%	None

HAZARDS IDENTIFICATION:

Harmful, may cause lung damage if swallowed.

FIRST AID MEASURES:

FIRST AID – In the event of:

Swallowing: Discourage vomiting. Give plenty of milk or water to drink. Obtain immediate medical attention.

Inhalation of spray vapours or fumes: Remove affected person to fresh air and seek medical advice in the case of prolonged effect.

Eye Contact: Wash thoroughly with clean water and seek immediate medical attention.

Skin contact: Wash thoroughly with clean water. Seek medical attention for persistent irritation.

Splashes on clothing: Remove contaminated clothing. Wash affected area of skin as above.

FIRE FIGHTING MEASURES:

Flammable liquid/ use foam, CO₂, Halon, dry powder or sand to extinguish.
DO NOT USE WATER

S.C.B.A. and full body protective clothing are recommended.

ACCIDENTAL RELEASE MEASURES:

Small quantities – dilute to waste with water.
For spillage's of greater than 10 litres use fire retardant, absorbent, non-combustible material then, place in suitable containers. Containers to be collected by waste disposal contractors.

HANDLING & STORAGE:**USAGE PRECAUTIONS:**

Avoid direct and prolonged contact with skin.
Avoid contact with eyes. Remove any contaminated clothing that may come into contact with skin.
Keep containers sealed until required.
Keep away from sources of ignition. No smoking.
Avoid extremes of temperature.

EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	LT EXP (8 hrs)	ST EXP (10 Min)
Alkyl Phenol Ethoxylate	No standard		
Aliphatic Hydrocarbon Solvent	OEL	100ppm	
Wear rubber/PVC gloves and goggles			

PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Clear light straw coloured liquid
ODOUR:	Paraffinic
SOLUBILITY:	Forms emulsion
SOLUBILITY VALUE:	N/A
SPECIFIC GRAVITY:	0.800 g/ml
pH-VALUE:	N/A
FLASH POINT:	70 °C

STABILITY AND REACTIVITY:

Materials to Avoid:	Strong Oxidising Agents
Hazardous decomposition products:	Fire creates CO ₂ and CO

TOXICOLOGICAL INFORMATION:

TOXIC DOSE (LD50)	3g/kg rat
TOXIC CONS (LC50)	N/A

