

# EVB23309E REJUVENATION & PROTECTIVE COATING

## SALES SPECIFICATIONS

PROPERTIES	METHOD	UNITS	SPECIFICATION
Appearance	D4176	-	Clear and Free From Impurities
Color	D156 D1209	Saybolt PT-Co	N/A
Density @ 20°C	D1298	lb./gal	7.820
Boiling Point	D86	-	182°C
Dielectric	D877	kV	38.1
Vapor Pressure	1	mm Hg	5 @ 40°C
Viscosity	D2161	cSt	N/A
Aniline Point	D611	-	< -3°C
Kauri Butanol	D1133	-	60
1. Head Space Gas Chromatography			
2. Methods - ASTM			

### 1. Chemical Product / Company Identification

Product Name **EVB23309E**  
 Supplier DTS-Chem Ltd  
 Unit 11 Chells Enterprise Village  
 Stevenage, SG2 0LQ  
 Telephone 01438 310189  
 Emergency Phone 07500 865060

### 2. Hazardous Components

Common Chemical Name:  
 Aromatic Hydrocarbon CAS Number 64742-94-5  
 Naphthalene CAS 91203 5% PEL 10ppm

### 3. Hazards Identification

Most Important Hazards Skin irritation, Respiratory irritation, dizziness, nausea, loss of consciousness.

Specific Hazards None  
 HIMS Rating Health 1  
 Fire 1  
 Reactivity 0

Pennsylvania Right to Know: The following non-hazardous ingredients are present in the product greater than 3% - Dipropylene Glycol Dimethyl Ether CAS 111109-77-4

California Proposition 65: None Known

### 4. Emergency and First Aid Procedures

Routes of Exposure Emergency Procedures

Inhalation Move victim to fresh air, rest and keep warm. Apply artificial respiration if breathing has stopped or oxygen if breathing is irregular. Get immediate medical attention.

Skin Contact Remove contaminated clothing. Wash affected areas well with soap & water. If irritation persists, get medical attention.

Eye Contact Hold eyelid open and flush with water for at least 15 minutes. Get medical attention if irritation persists.

Ingestion Do not induce vomiting. If victim vomits, turn into recovery position. Vomiting can cause chemical pneumonia. Get immediate medical attention.

### 5. Fire Fighting Procedures

Extinguishing Media Alcohol foam, dry chemical powder, carbon dioxide. Water may be ineffective on fire.

Specific Hazard Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

Specific Methods Keep away from heat, flame and sparks. Keep containers closed. Cool exposed containers with water. Use water to knock down vapor.

### 6. Accidental Release Measures

Personal Precautions Extinguish any naked flames or source of ignition. Evacuate personnel from area. Avoid inhalation of vapors.

Environmental Prevent contamination of ground water and drains. Inform authorities if this occurred.

Disposal Procedures Cover area with sand or absorbent material to absorb spilled material and sweep up. Use water spray to knock down vapor. Contaminated sand and water should be disposed of according to section 13.

### 7. Handling and Storage

Precautions for Safety	Ensure good ventilation. Take precautions against static discharge.
Technical Measures	Store in accordance with all national, regional and local regulations pertaining to the storage, handling, dispensing, and disposal of combustible liquids. No smoking. Naked flames, hot elements or other ignition sources must not be present.
Storage Conditions	Store in tightly closed clearly labeled containers in cool well-ventilated area.
Incompatible Materials	Strong oxidizing agents.
Packaging Material	Store in mild steel vessels.

## 8. Exposure Controls and Personal Protection

Engineering Measures	Ensure good ventilation. No vessel should be entered until it is gas-free. Workman outside should keep workmen inside the vessel under observation.
Respiratory	Not generally required. Use NIOSH approved respirator if spraying.
Gloves	Viton, Nitrile, PVC
Eyes	Safety glasses with splash shields or face shield
Other Measures	Protective apron, long sleeves, chemical resistant boots.

## 9. Physical and Chemical Properties

Appearance	Colorless liquid
Odor	Aromatic
Melting Point	<-60°C
Boiling Point	182°C
Flash Point	145°F TCC
Vapor Pressure	5 mm Hg 40°C
Vapor Density	>Air
Solubility in Water	insoluble
Viscosity	1.29 @40°C cTs
V.O.C.	679 g/L
Explosive Limits	UEL-7.5 LEL-0.8

## 10. Stability and Reactivity

Stability	Stable
Conditions to Avoid	High temperatures & ignition sources
Materials to Avoid	Strong Oxidizers
Hazardous Decomposition	Carbon oxides formed when burned.

## 11. Toxicological Information

Eye Contact	Liquid, aerosols and vapors are Irritating, can cause pain, tearing, reddening.
Skin Contact	Prolonged or repeated contact can result in defatting & drying of the skin.
Inhalation	Prolonged inhalation may be harmful. Headaches, dizziness, nausea may result from over-exposure.
Ingestion	Harmful or fatal if swallowed.
Dermal	LD <sub>50</sub> >2000
Oral	LD <sub>50</sub> >2000
Chronic Toxicity	No significant neurotoxic, blood, kidney or other effects.
Carcinogenicity	Suspected (NTP & ACGIH)
Mutagenicity	Data not Available
Teratogenicity	Negative

## 12. Ecological Information

Mobility	Data not Available
Biodegradability	Data not Available
Bioaccumulation	Data not Available
Ecotoxicity	Moderately Toxic

## 13. Disposal Procedures

Disposal should be in accordance with local, regional or national regulations. Contaminated waste and packaging should be destroyed by incineration at an approved incinerator. If recovery of contaminated product is not possible, it should be destroyed by incineration.

## 14. Transportation Information

Shipping Name	Combustible Liquid, n.o.s.
Hazard Class	Combustible
Identification Number	NA 1993
Packing Group	III
Label Drum	None
Placard Non-Bulk	Combustible (>1000lbs.)
Placard Bulk	NA 1993
Shipping Description	Combustible Liquid, n.o.s. (Petroleum Hydrocarbon), NA 1993, PG III

## 15. Regulatory Information

RCRA	Not Reportable
CERCLA	Not Reportable
SARA 311/312	Not Reportable
SARA 313	Not Reportable

The information contained in this MATERIAL SAFETY DATA SHEET is provided pursuant to 29CFR 1910.1200 to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.