Safety Data Sheet (SDS)

Revision / Review Date: 3/10/15

1. Chemical Product and Company Identification

Product Name:	CTB (DCP)-70
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Distillates (petroleum), hydrotreated heavy naphthenic
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	420
Product Use:	Dispersions
OSHA Status:	Non-Hazardous
CAS No:	64742-52-5
EC No:	265-155-0

For emergency health, safety, and environmental information, calls 330-920-8023
For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

Warning:	Not available.		
Signs and Symptoms of Exposure:	Dizziness, nausea, eye redness and tearing.		
Primary Routes of Entry:	Eyes, Skin, Inhalation.		
Medical Conditions Generally Aggravated by Exposure:	Preexisting eye, skin and respiratory conditions may be aggravated by exposure.		
Eye Contact:	May cause irritation to the eyes.		
Skin Contact:	Prolonged or repeated skin contact may cause skin irritation.		
Ingestion:	May cause digestive irritation. Aspiration into the lungs during swallowing or vomiting may cause chemical pneumonitis.		
Inhalation:	May cause nasal and respiratory irritation.		
NFPA Rating:	Health-1,	Flammability-1,	Reactivity-0
HMIS Hazard Ratings:	Health- 1,	Flammability -1,	Reactivity -0

HMIS limitation statement:	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. ll of the information contained in the SDS should be consulted to assist with the safe handling of this material.

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
95-100	Heavy Hydrotreated Naphthenic Distillates	64742-52-5

4. First Aid Measures

Inhalation:	Remove to fresh air. Seek medical advice if irritation persists.
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Seek medical attention if irritation persists.
Skin:	Wash off immediately with plenty of soap and water. Seek medical advice in case of irritation.
Ingestion:	Seek medical attention. If fully conscious, give two glasses of water but do not induce vomiting.

5. Fire-Fighting Measures

Suitable Extinguishing Media:	Dry Chemical, Carbon Dioxide CO2, Foam, Water fog.
Special Fire Fighting Procedures:	Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Do not use a solid water stream as it may scatter and spread fire. Use water spray to keep containers cool that are exposed to heat or flames.
Hazardous Combustion Products:	Carbon Monoxide, Carbon dioxide (CO2), Sulphur dioxide (SO2), Nitrogen oxides (NOx), Aldehydes and other decomposition products.
Unusual fire and explosion hazards:	Slightly combustible liquid. If heated above the flashpoint, will release flammable vapors that can present a fire or explosion hazard.

6. Accidental Release Measures

Steps to be taken in case material is spilled:	Wear appropriate protective clothing and equipment to prevent skin and eye contact. Collect in closed containers for disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous

	earth, acid- or universal binding agents). Do not use water for cleaning. Eliminate all sources of ignition and ventilate area. Clean spill area thoroughly.
Environmental Disposal Information:	Avoid release in to the environment.
Waste Disposal:	Put into proper containers and dispose of in accordance with all local, state and federal regulations.

7. Handling and Storage

Empty Containers:	Empty oil containers can contain explosive vapors.
Precautions to be taken in handling:	Wear protective equipment and proper handling equipment should be used. Good housekeeping and hygienic practices should be observed. Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing oil mists. Use with adequate ventilation. Keep away from heat, hot surfaces and open flames. Wash thoroughly with soap and water after handling.
Storage:	Store in a cool, dry environment in original sealed packaging. Avoid exposure to direct sunlight, flames, sparks, hot surfaces, static charges and other sources of ignition. Store separately from oxidizing agents. Keep containers closed when not in use.

8. Exposure Controls / Personal Protection

Exposure Controls:	Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.
Respiratory Protection:	None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator.
Ventilation:	Ensure adequate ventilation.
Hand protection:	Rubber or plastic gloves.
Eye Protection:	Safety goggles.
Skin and Body Protection:	Coated clothing and apron.
Other Precautions:	Wash after handling product. Work clothes must be changed and washed before reuse. Do not smoke, eat or use alcohol while handling product.
Decontamination Facilities:	Local exhaust ventilation, eye bath, safety shower.

9. Physical and Chemical Properties

Physical Form:	Liquid
Appearance & Odor:	Colorless -light yellow- Amber
Specific Gravity:	0.866-0.923 @ 20°C
Softening Point, R&B:	Not available.
Solubility in Water:	Negligible
Flash Point, TAG CC F:	153 - 250 °C / 307 - 482 °F
Percent Volatiles (by weight):	Not available.
Relative density:	0.913-0.923 g/cm³ @ 20°C
Evaporation Rate (Water ~ I):	<1 n-Ethyl Ether
Vapor Pressure (mm Hg):	>.0001 - < 5 mmHg @ 20°C
Vapor Density (Air ~ I):	Not available.
Boiling Point (°F) Initial:	210 °C / 630 °F
Auto ignition Temperature, °C:	320 °C / 610 °F
Flammable Limits, %(V):	Not available.

10. Stability and Reactivity

Stability:	This product is stable under normal conditions.
Incompatibility (Materials to Avoid):	Material reacts with strong oxidizing agents, bases and acid.
Conditions to Avoid:	Avoid contact with direct sunlight, heat, sparks, flame and all sources of ignition.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Hazardous decomposition:	Carbon oxides.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

Oral:	Rat LD50 > 5000 mg/kg
Dermal:	LD50 Rabbit > 5,000 mg/kg LD50 Rat > 2000 mg/kg
Inhalation:	LD50 Rat > 5 mg/l/4h

NOAEL:	Oral, Rat, 90 days < 125 mg/kg bodyweight/day
NOAEL:	Dermal, Rat/rabbit, 90 days > 2000 mg/kg bodyweight/day
ATE: ATE:	Oral 5000 mg/kg Dermal 2000 mg/kg
Skin Corrosion/Irritation:	Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.
Serious Eye Damage/Irritation:	Expected to be slightly irritating.
Respiratory Irritation:	Inhalation of vapors or mists may cause irritation to the respiratory system.
Respiratory or Skin Sensitization:	Not expected to be a skin sensitizer.
Germ Cell Mutagenicity:	Not considered a mutagenic hazard.
Carcinogenicity:	Product contains mineral oils of types shown to be no carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC)

12. Ecological Information

Acute Toxicity:	Poorly soluble mixture. May cause physical fouling of aquatic organisms.
Fish:	Practically nontoxic: LL/EL/IL50 > 100 mg/l LC50 fishes > 100 mg/l 96 hours
Aquatic Invertebrates:	Practically nontoxic: LL/EL/IL50 > 100 mg/l Shrimp LC50 > 10000 mg/l 96 hours
Algae:	Practically nontoxic: LL/EL/IL50 > 100 mg/l NOEC (acute) > 100 mg/l 72 hours
Microorganisms:	Practically nontoxic: LC/EC/IC50 > 100 mg/l EC50 Daphnia > 10000 mg/l 48 hours EC50 Daphnia > 1000 mg/l 21 days NOEC (chronic) > 1000 mg/l 21 days- daphnia
Persistence and degradability:	Major constituents are expected to be readily biodegradable, but the product contains components that may persist in the environment.
Bio accumulative Potential:	Contains components with the potential to bio accumulate.

Mobility:	Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.
Result of the PBT and vPvB assessment:	The substance does not fulfill all screening criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB.

13. Disposal Considerations

Consult the local waste disposal expert about waste disposal. Do not empty into drains or the aquatic environment. Waste is to be kept separate from other types of waste until its disposal. Dispose of this material and its container to hazardous or special waste collection point. Disposal must be done according to official regulations.

14. Transport Information

D.O.T. Shipping Name:	Not Regulated.
Air - ICAO (international Civil Aviation Organization):	Not Regulated.
Sea - IMDG (International Maritime Dangerous Goods):	Not Regulated.

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

New Jersey RTK Label Information:	Heavy Hydrotreated Naphthenic Distillates CAS No. 64742-52-5
Pennsylvania RTK Label Information:	Heavy Hydrotreated Naphthenic Distillates CAS No. 64742-52-5
SARA 313:	Not listed.
SARA 311/312:	Non-Hazardous.
SARA 302:	Not listed.
California Proposition 65:	This product does not contain chemicals regulated under California Proposition 65.

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.