

## SAFETY DATA SHEET

# Coherex

### SECTION 1 - IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**DISTRIBUTED BY:** Crown Products & Services, Inc.  
319 S. Gillette Ave.  
Suite 303  
Gillette, WY 82716  
307-696-8175

**EMERGENCY:** CHEMTREC (USA)  
(800) 424-9300

**PRODUCT IDENTIFIER:** Coherex

**RECOMMENDED USE:** Dust control emulsion

### SECTION II - HAZARDS IDENTIFICATION

**PHYSICAL HAZARDS:** Not classified

**HEALTH HAZARDS:** Carcinogenicity Category 1B

**ENVIRONMENTAL HAZARDS:** Not classified

**OSHA DEFINED HAZARDS:** Not classified



**SIGNAL WORD:** Danger

# Cohorex

## SECTION II - HAZARDS IDENTIFICATION (cont.)

- HAZARD STATEMENT:** May cause cancer.
- Prevention:** Obtain special instructions before use. Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood.
- Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If exposed or concerned: Get medical advice/attention.
- Storage:** Store in accordance with international regulations. Store locked up.
- Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC):**

None known

**SUPPLEMENTAL INFORMATION:**

Not applicable

## SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%
EXTRACTS (PETROLEUM), HEAVY NAPHTHENIC DISTILLATE SOLVENT	64742-11-6	50-70
WATER	7732-18-5	20-50
PROPRIETARY INGREDIENTS	N/A	< 5

# Cohorex

## SECTION IV - FIRST AID MEASURES

- INHALATION:** Move to fresh air. Call a physician if symptoms develop or persist.
- SKIN CONTACT:** Wash off with soap and water. Get medical attention if irritation develops and persists.
- EYE CONTACT:** Rinse with water. Get medical attention if irritation develops and persists.
- INGESTION:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

### **MOST IMPORTANT SYMPTOMS /EFFECTS, ACUTE AND DELAYED:**

Direct contact with eyes may cause temporary irritation.

### **INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

Treat symptomatically.

- GENERAL INFORMATION:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## SECTION V - FIREFIGHTING MEASURES

### **SUITABLE EXTINGUISHING MEDIA:**

Water fog. Foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

### **UNSUITABLE EXTINGUISHING MEDIA:**

Do not use water jet as an extinguisher, as this will spread the fire.

### **SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

During fire, gases hazardous to health may be formed.

# Coherex

## SECTION V - FIREFIGHTING MEASURES (cont.)

### SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### FIRE-FIGHTING EQUIPMENT/INSTRUCTIONS:

Cool containers exposed to heat with water spray and remove container, if no risk is involved.

### SPECIFIC METHODS:

Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

#### Large Spills:

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

#### Small Spills:

Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

### ENVIRONMENTAL PRECAUTIONS:

Avoid discharge into drains, water courses or onto the ground.

# Coherex

## SECTION VII - HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep away from heat and sources of ignition. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

### US. OSHA TABLE Z-1 LIMITS FOR AIR CONTAMINANTS (29 CFR 1910.1000)

Components	Type	Value	Form
EXTRACTS (PETROLEUM), PEL HEAVY NAPHTHENIC DISTILLATE SOLVENT (CAS 64742-11-6)	PEL	5 mg/m <sup>3</sup>	Mist

### US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

Components	Type	Value	Form
EXTRACTS (PETROLEUM), PEL HEAVY NAPHTHENIC DISTILLATE SOLVENT (CAS 64742-11-6)	STEL	10 mg/m <sup>3</sup>	Mist
	TWA	5 mg/m <sup>3</sup>	Mist

**BIOLOGICAL LIMIT VALUES:** No biological exposure limits noted for the ingredient(s).

### APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

# CohereX

## SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION (cont.)

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

- Eye/Face Protection:** Wear safety glasses with side shields (or goggles).
- Hand Protection:** Wear protective gloves.
- Skin and Body Protection:** Wear appropriate chemical resistant clothing.
- Respiratory Protection:** Not available
- Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.

### General Hygiene Considerations:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	<b>Opaque Liquid</b>
<b>Physical State:</b>	<b>Liquid</b>
<b>Form:</b>	<b>Liquid</b>
<b>Color:</b>	<b>Yellow</b>
<b>Odor:</b>	<b>Mild Odor</b>
<b>Odor Threshold:</b>	<b>Not available</b>
<b>pH:</b>	<b>4.5 - 7.2</b>
<b>Melting Point /Freezing Point:</b>	<b>Not available</b>
<b>Initial Boiling Point and Boiling Range:</b>	<b>&gt; 212 °F ( &gt; 100 °C) esimated</b>
<b>Flash Point:</b>	<b>Not available</b>
<b>Evaporation Rate:</b>	<b>&gt; 1</b>
<b>Flammability (solid, gas):</b>	<b>Not Available</b>

# Cohorex

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES (cont.)

**Upper/lower flammability or explosive limits:**

Flammability limit - lower (%)	Not available
Flammability limit - upper (%)	Not available
Explosive limit - lower (%)	Not available
Explosive limit - upper (%)	Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density:** 1g/cm3

**Solubility(ies):**  
Solubility (water) Readily dispersible

**Partition Coefficient (n-octanol/water):** Not available

**Auto-ignition Temperature:** 500 °F ( 260 °C) estimated

**Decomposition Temperature:** Not available

**Viscosity:** Not available

**Other Information:**

Percent Volatile:	37.5% estimated > 2%
VOC (Weight %):	2.5% estimated

## SECTION X - STABILITY AND REACTIVITY

**REACTIVITY:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**CHEMICAL STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reaction known under conditions of normal use.

**CONDITIONS TO AVOID:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No hazardous decomposition products are known.

# Cohorex

## SECTION XI - TOXICOLOGICAL INFORMATION

### INFORMATION ON LIKELY ROUTES OF EXPOSURE:

<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.

### SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Direct contact with eyes may cause temporary irritation. .

### INFORMATION ON TOXICOLOGICAL EFFECTS:

**ACUTE TOXICITY:** Not available

**SKIN CORROSION/ IRRITATION:** Prolonged skin contact may cause temporary irritation.

**SERIOUS EYE DAMAGE/ EYE IRRITATION:** Direct contact with eyes may cause temporary irritation.

### RESPIRATORY OR SKIN SENSITIZATION:

**Respiratory sensitization** Not available

**Skin sensitization** This product is not expected to cause skin sensitization.

### GERM CELL MUTAGENICITY:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

### CARCINOGENICITY:

Contains a substance/a group of substances which may cause cancer. Contains polycyclic aromatic compounds (PACs). Prolonged and/or repeated skin contact with certain PACs has been shown to cause skin cancer. Prolonged and/or repeated exposures by inhalation of certain PACs may also cause cancer of the lung and of other sites of the body.

### US. OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050):

Not listed



# CohereX

## SECTION XI - TOXICOLOGICAL INFORMATION (cont.)

<b>REPRODUCTIVE TOXICITY:</b>	This product is not expected to cause reproductive or developmental effects.
<b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:</b>	Not classified
<b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:</b>	Not classified
<b>ASPIRATION HAZARD:</b>	Not available
<b>CHRONIC EFFECTS:</b>	Prolonged inhalation may be harmful.

## SECTION XII - ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>PERSISTENCE AND DEGRADABILITY:</b>	No data is available on the degradability of this product.
<b>BIOACCUMULATIVE POTENTIAL:</b>	No data available
<b>MOBILITY IN SOIL:</b>	No data available
<b>OTHER ADVERSE EFFECTS:</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

# Coherex

## SECTION XIII - DISPOSAL CONSIDERATIONS

**DISPOSAL INSTRUCTIONS:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**LOCAL DISPOSAL REGULATIONS:** Dispose in accordance with all applicable regulations.

**HAZARDOUS WASTE CODE:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**WASTE FROM RESIDUES / UNUSED PRODUCTS:**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**CONTAMINATED PACKAGING:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## SECTION XIV - TRANSPORTATION INFORMATION

**DOT:** Not regulated as dangerous goods.

**IATA:** Not regulated as dangerous goods.

**IMDG:** Not regulated as dangerous goods.

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:**

Not available

## SECTION XV - REGULATORY INFORMATION

**US FEDERAL REGULATIONS:** All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)** - Not regulated

**CERCLA Hazardous Substance List (40 CFR 302.4)** - Not listed

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** - Not listed

## Coherex

## SECTION XV - REGULATORY INFORMATION (cont.)

## SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

<b>Hazard categories</b>	Immediate Hazard - No
	Delayed Hazard - Yes
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** - Not listed

**SARA 311/312 Hazardous chemical** - No

**SARA 313 (TRI reporting)** - Not regulated

## OTHER FEDERAL REGULATIONS:

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List** - Not regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** - Not regulated

**Safe Drinking Water Act (SDWA)** - Not regulated

## US STATE REGULATIONS:

*WARNING: This product contains a chemical known to the State of California to cause cancer.*

**US. Massachusetts RTK - Substance List** - EXTRACTS (PETROLEUM), HEAVY NAPHTHENIC DISTILLATE SOLVENT (CAS 64742-11-6)

**US. New Jersey Worker and Community Right-to-Know Act** - Not regulated

**US. Pennsylvania RTK - Hazardous Substances** - EXTRACTS (PETROLEUM), HEAVY NAPHTHENIC DISTILLATE SOLVENT (CAS 64742-11-6)

**US. Rhode Island RTK** - EXTRACTS (PETROLEUM), HEAVY NAPHTHENIC

**US. California Proposition 65** - EXTRACTS (PETROLEUM), HEAVY NAPHTHENIC

*WARNING: This product contains a chemical known to the State of California to cause cancer.*

## Coherex

## SECTION XV - REGULATORY INFORMATION

Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s)

# Cohorex

## SECTION XVI - OTHER INFORMATION

**ABBREVIATIONS AND SYMBOLS:**    < Less Than                    > More Than

**PREPARED IN ACCORDANCE WITH:** U.S. Code of Federal Regulations 29 CFR 1910.1200

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

# Coherex

## SECTION XVI - OTHER INFORMATION

Further information A HMIS® Health rating including an \* indicates a chronic hazard

<b>HMIS RATINGS:</b>	Health:	3*	<b>NFPA RATINGS:</b>	Health:	3
	Flammability:	0		Flammability:	0
	Physical Hazard	1		Instability	0

**LATEST REVISION:** January 2016

**ABBREVIATIONS AND SYMBOLS:** < Less Than > More Than

- ACGIH — American Conference of Governmental Industrial Hygienists
- CAS#— Chemical Abstract Service
- CERCLA — Comprehensive Emergency Response and Comprehensive Liability Act CFR — Code of Federal Regulations
- DOT — Department of Transportation
- GHS — Globally Harmonized System
- HEPA — High Efficiency Particulate Air
- IATA — International Air Transport Association
- IARC — International Agency for Research on Cancer
- IMDG — International Maritime Dangerous Goods
- NIOSH — National Institute of Occupational Safety and Health
- NOEC — No Observed Effect Concentration
- NTP — National Toxicology Program
- OSHA — Occupational Safety and Health Administration
- PEL — Permissible Exposure Limit
- REL — Recommended Exposure Limit
- RQ — Reportable Quantity
- SARA — Superfund Amendments and Reauthorization Act
- SDS — Safety Data Sheet
- TLV — Threshold Limit Value
- TPQ — Threshold Planning Quantity
- TSCA — Toxic Substances Control Act
- TWA — Time-Weighted Average
- UN — United Nations

**PREPARED IN ACCORDANCE WITH:** U.S. Code of Federal Regulations 29 CFR 1910.1200

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**