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SAFETY DATA SHEET

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: **COIL X BLAST**

Product Description: **COIL CLEANER**

Other Means of Identification

Product # 060B
Synonyms None

Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.
5731 Manchester Avenue
St. Louis, MO 63110
www.chemcoindustries.com
314-647-1888
1-800-854-4236 (to Reorder)

Emergency Telephone Number

Emergency Telephone INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Aerosol: Category 3
Acute Toxicity Oral: Category 4
Skin Irritant: Category 2
Eye Irritant: Category 2b
Carcinogenicity: Category 2

HAZARD STATEMENT(S): WARNING: Contains gas under pressure; May explode if heated. Harmful if swallowed. Causes skin and eye irritation. Suspected of causing cancer.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/120F. Store in a well-ventilated place. Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, goggles, protective clothing, vapor respirator. If exposed or concerned: Get medical advice or attention. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Do not eat, drink, or smoke when using this product. If swallowed: Call a poison center or doctor if you feel unwell. Rinse mouth.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT

CAS NUMBER

PERCENT

Methylene Chloride	75-09-2	60-100%
2-Butoxyethanol	111-76-2	1-5%
Carbon Dioxide	124-38-9	3-7%

4. FIRST AID MEASURES

EYES: Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Irritation

Oral: severe abdominal irritation, nausea, vomiting, diarrhea

CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.

NOTE TO PHYSICIAN: Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Phosgene, Hydrogen Chloride Gases & Nitrogen and Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Remove sources of ignition such as pilot lights. Material is heavier than air and can settle in low lying areas in Flammable concentrations, ventilate area. Product will undergo rapid evaporation. Use absorbent on spill sweep to clean.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld.

RCRA STATUS: Waste solvent likely considered F001, hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Pressurized container: Do not pierce or burn, even after use. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label directions exactly. Vapors may collect in low lying areas.

INCOMPATIBILITY: May attack certain plastics, rubber, & coatings. Incompatible w/ strong oxidizers & caustics, chemically active metal, such as Aluminum, magnesium powder, sodium, potassium, and lithium.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Methylene Chloride	25 ppm	50 ppm
2-Butoxyethanol	50 ppm	20 ppm
Carbon Dioxide	5000 ppm	5000 ppm

ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: N/A

PERSONAL PROTECTIVE EQUIPMENT: Safety goggles, Gloves, Synthetic apron, and Vapor respirator.

ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid
ODOR: Chlorinated solvent odor
ODOR THRESHOLD: N/D
BOILING POINT: > 140°F
FREEZING POINT: N/D
FLAMMABILITY: Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
FLASH POINT: N/D
AUTOIGNITION TEMPERATURE: N/D
LOWER FLAMMABILITY LIMIT: N/A
UPPER FLAMMABILITY LIMIT: N/A
VAPOR PRESSURE (mm Hg): >100
VAPOR DENSITY (AIR=1): >2
EVAPORATION RATE: >2
SPECIFIC GRAVITY (H₂O=1): 1.2
pH: N/A
SOLIDS (%): N/D
SOLUBILITY IN WATER: 0%
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
VOLATILITY INCLUDING WATER (%): 100%
VOLATILE ORGANIC COMPOUNDS (VOC): 3%
DIELECTRIC STRENGTH (Volts): N/A
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

10. STABILITY AND REACTIVITY

REACTIVITY: None Known
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat. Sources of ignition.
INCOMPATIBILITY: May attack certain plastics, rubber, & coatings. Incompatible w/ strong oxidizers & caustics, chemically active metal, such as Aluminum, magnesium powder, sodium, potassium, and lithium.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Phosgene, Hydrogen Chloride Gases, Nitrogen & Carbon oxides.
POSSIBLE HAZARDOUS REACTIONS: None Known

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Methylene Chloride (75-09-2) LD₅₀ (Oral, Rat) 1600 mg/kg; LC₅₀ (Inhalation, Rat) 52 gm/m³
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation, redness, temporary eye damage.
INGESTION: Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edems, unconsciousness or death
INHALATION: May cause irritation to the respiratory tract, headaches, nausea, vomiting, lungs, and may cause fatigue. Excessive or prolonged exposure may cause dizziness and unconsciousness.
SKIN: Causes mild irritation, dryness, localize defatting.
MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
 Skin: defatting and dermatitis
 Inhalation: Irritation
 Oral: severe abdominal irritation, nausea, vomiting, diarrhea
CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, lungs, blood, or central nervous system.
CARCINOGENICITY: OSHA: Yes ACGIH: A3 - Animal Carcinogen NTP: Suspected IARC: 2B - Possible OTHER: CA Prop 65

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not let residue come in contact with waterways in the United States. Methylene Chloride - This material may leach into groundwater. Will quickly evaporate in the soil and water and may biodegrade to a moderate extent in the water. Will not significantly bioaccumulate.
BIODEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not flame cut, braze, or weld. Empty container very hazardous!

RCRA STATUS: Waste solvent likely considered F001, hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.2 (6.1)

UN/NA NUMBER: UN 1950

PACKAGING GROUP: None

AIR SHIPMENT

PROPER SHIPPING NAME: Forbidden by USDOT Regulations

HAZARD CLASS/DIVISION: 2.2 (6.1)

UN/NA NUMBER: N/A

PACKAGING GROUP: None

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.2 (6.1)

UN/NA NUMBER: UN 1950

PACKAGING GROUP: None

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

15. REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Methylene Chloride (75-09-2)

Reportable Quantity = 1,000 lbs

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health

SARA 313 REPORTABLE INGREDIENTS: Methylene Chloride - 75-09-2

STATE REGULATIONS: This product contains chemical(s) METHYLENE CHLORIDE - 75-09-2 known to the state of California Proposition 65 to cause birth defects or other reproductive harm and cancer.

Pennsylvania Right to Know: METHYLENE CHLORIDE - 75-09-2; Massachusetts Right to Know: METHYLENE CHLORIDE - 75-09-2; New Jersey Right to Know: METHANOL - 67-56-1

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 3

HMIS HEALTH: 3

NFPA FLAMMABILITY: 1

HMIS FLAMMABILITY: 1

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: H

16. OTHER INFORMATION

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.