

Safety Data Sheet

Section 1, Identification

Product Identifier: B91 Industrial Paint Remover
Synonyms: B91
CAS No.: None - mixture
Manufacture Stock Number: B91
Intended Use: Paint and Finish Removal
Manufacturer: Benco Sales, Inc.
123 Stout Drive
Crossville, TN 38555
931-484-9578
Emergency Phone: 800-535-5053 INFOTRAC
Information Phone: 931-484-9578
Fax: 931-484-7614

Section 2, Hazards Identification

Classification: GHS-US Classification

Signal Word: Warning

Pictogram:



Hazard Statements: Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Carcinogenicity (Category 2). H351
Single target organ toxicity – single exposure (Category 3), Respiratory System, Central Nervous System, H335, H336 Specific target organ toxicity – repeated exposure, Inhalation (Category 2), Central Nervous System, H373

Precautionary Statements:

H315 Causes Skin irritation, burns
H319 Causes serious eye irritation, burns
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H351 Suspected of causing cancer
H373 May cause damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.

Prevention:

P201 Obtain specific instructions before use.
P202 Do not use until safety precautions have been read and understood.
P260 Do not breathe fumes.
P264 Wash skin thoroughly after handling.
P271 Use out of doors or in well ventilated areas.
P280 Wear protective gloves/eye protection/face protection.
P302&P352 If on skin: Wash off with plenty of soap and water.
P304&P340 If inhaled: Get to fresh air
P305&P351&P338 If in eyes: Wash with water for several minutes – get medical attention.
P362 Take off contaminated clothing and wash before reuse.

Storage:

P403&P233 Store in a well ventilated area out of direct sunlight. Keep container closed.

Disposal:

Dispose of waste contents/container at an approved facility.

Hazards not Otherwise Classified: None

Section 3, Composition/Information on Ingredients

<u>CAS No.</u>	<u>Ingredient Name</u>	<u>PEL(OSHA)</u>	<u>TWA (OSHA)</u>	<u>Weight Percentage</u>
75-09-2	Dichloromethane	25 ppm	25 ppm	7.46
108-95-2	Phenol	5 ppm	5 ppm	15
64-18-6	Formic Acid	5 ppm	5 ppm	17.8
7664-39-3	Hydrofluoric Acid	3 ppm	3 ppm	5
100-51-6	Benzyl Alcohol	N/A	N/A	24.7

Occupational exposure limits, if available, are listed in section 8

Section 4, First Aid Measures

Eye: Flush with large amounts of water, lifting upper and lower lids. Get medical attention.

Ingestion: Call Physician, poison control center, or hospital emergency room. Never give anything by Mouth to an unconscious person.

Skin: Thoroughly wash exposed area with soap & water. Remove contaminated clothing
Wash contaminated clothing before reuse.

Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer respiration.
Keep person warm, quiet, and get medical attention.

Section 5, Fire Fighting Measures

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

Unsuitable Extinguishing Media: no data available

Fire Fighting Instructions: Self-contained breathing apparatus with a full face piece operated in
Pressure demand or other positive pressure mode.

Section 6, Accidental Release Measures

Emergency Procedures: Use personal protective equipment. Avoid breathing vapors. Ensure
Adequate ventilation. Evacuate personnel to safe areas.

Personal Protective Equipment: See section 8

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Methods for Containment: Soak up with inert absorbent material and dispose of as
Hazardous waste. Keep in suitable closed containers for disposal.

Reference to Other sections: Section 8, Exposure Controls and Personal Protection

Section 7, Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapors or mists.

Storage: Store in a cool, dry, well ventilated space out of direct sunlight.

Section 8, Exposure Controls and Personal Protection

Occupational Exposure Limits: See Section 3.

Appropriate Engineering Controls: Ventilation: Controlling airborne concentrations below the ACGIH
TLV exposure guideline is recommended. ADGIH TWA is 50ppm. OSHA PEL is 25 ppm 8 hour TWA,
and a STEL is 125 ppm. This rule also establishes an Action Level of 12.5 ppm. Use only with adequate
ventilation. Local exhaust ventilation is necessary for most applications. Lethal concentrations may
exist in areas with poor ventilation. Contact Benco for further information. Medical monitoring is

also required by OSHA for applications that exceed the Action Level of 12.5ppm. Contact Benco at 800-632-3626 for assistance and instructions on air monitoring.

Personal Protective Equipment: Splash goggles / Face Shield, Chemical resistant gloves, Chemical resistant apron and proper foot protections.

Hand Protection: Wear appropriate safety gloves

Eye Protection: Use safety glasses. Where contact is likely, use chemical splash goggles.

Skin and Body Protection: Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any clothing or shoes that have been contaminated should be removed immediately and thoroughly and laundered before wearing again.

Respiratory Protection: Atmospheric levels should be maintained below the exposure guideline. If this level is exceeded, use an approved air supplied respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive pressure self-contained breathing apparatus.

Other Protective Information: Safety shower and Eyewash Station should be available in work area.

Section 9, Physical and Chemical Properties

Physical State: Liquid

Appearance: Light in color

Odor: Methylene Chloride and Acid Odor

pH:

Boiling Point: 104F (Initial)

Density: 10 lbs. / gallon

Vapor Density: >1 (Air = 1)

Specific Gravity: 1.12

Percent Volatile: 85.0%

VOC Emission Content: 479 grams/liter

Flash Point: None

Auto-ignition Temperature: Not Determined

Section 10, Stability and Reactivity

Reactivity: No data available

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: No data available

Conditions to Avoid: Heat, flame, and sparks. Exposure to sunlight.

Incompatible Materials: Alkali metals, aluminum, strong oxidizing agents, strong acids.

Hazardous Decomposition Products: Open flames and welding arcs can cause thermal decomposition with the evolution of hydrogen chloride and very small amounts of phosgene and chlorine.

Section 11, Toxicological Information

Information on Toxicological Affects: LD50 Oral – Rat >2,000 mg/kg

Respiratory or Skin Sensitization: LC50 inhalation – rat 52,000mg/m³ Skin irritation and eye irritation on contact

Carcinogenic: Limited evidence of carcinogenicity in animal studies

IARC 2B: Possible carcinogenic to humans.

OSHA: OSHA specifically regulated carcinogen (dichloromethane)

Reproductive Toxicity: no data available

Symptoms/Injuries after Inhalation: Dichloromethane is metabolized in the body producing carbon monoxide which increased and sustains carboxyhemoglobin levels in the blood, reducing oxygen-carrying capacity of the blood. Acts as a simple asphyxiant by displacing air – anesthetic affects.

Difficulty in breathing, headaches, dizziness.

Symptoms/Injuries after Eye Contact: Redness , blurred vision, tears, burns on extended contact.

Symptoms/Injuries after Ingestion: Gastrointestinal irritation, central nervous system depression, abdominal pain.

Section 12, Ecological Information

Keep Out of Water Ways.

Section 13, Disposal

Dispose of in accordance with local, regional, national and international regulations.

Section 14, Transportation Information

UN Number: 3066

UN Number (DOT): UN3066

UN Proper Shipping Name: UN3066,Paint Related Material, 8,PGII

DOT Classification: 8

Hazard Classification: Corrosive

Hazard Labels: Corrosive

Packing Group: Group II

Section 15, Regulatory Information

Materials Listed on the United States TSCA (Toxic Substance Control Act) Inventory.

State and Local Regulations:

Section 16, Other Information

Revision Date:

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

NFPA health hazards: 2

NFPA fire Hazards: 1

NFPA Reactivity: 0

HMIS III Rating:

Health: 3

Flammability: 1

Physical: 0

This information is based on our knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.