Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Information: **4290-76**

Product Identifier: NU-BLAST CONDENSER COIL CLEANER

Recommended Use: Cleaner

Manufacturer/Importer/Distributor Information:
NU-CALGON WHOLESALER, INC.
2611 SCHUETZ ROAD
ST. LOUIS, MO 63043

800-554-5499 / 314-469-7000

Emergency Telephone: 1-800-424-9300

Restrictions on Use:
None

2. Hazard(s) identification

Classification
Aerosol, category 1
Skin Sensitizer, category 1
Eye Irritation, category 2A

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD
Danger

GHS HAZARD STATEMENTS

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

GHS PRECAUTIONARY STATEMENTS

Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust, fumes, gas, mist, vapours, or spray.

P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves, eye protection, and face protection
Response	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
Storage	
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
Disposal	
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other Information

None

3. Composition/Information on Ingredients

Mixtures

Chemical Identity	CAS Number	Content in Percent (%)*
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	100-79-8	80-100
Proprietary	Proprietary	5-10
Carbon Dioxide	124-38-9	1-5

** All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.*

Composition Comments: Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

4. First-aid Measures

SKIN CONTACT: Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash contact area thoroughly with soap and water. Get medical attention if irritation or rash develops or persists. Remove contaminated clothing. Launder clothing before re-use.

EYE CONTACT: Rinse immediately with plenty of water. Flush eyes with plenty of water for 15 minutes, while holding the eyelids apart. Check victim for contact lenses and remove if present. Get medical attention if irritation persists.

INHALATION: Move to fresh air.

INGESTION: Rinse mouth.

IMPORTANT SYMPTOMS: May cause severe eye irritation. May cause allergic skin reaction (sensitization.)

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Prolonged exposure to temperatures above 50°C / 122°F may cause cans to burst. Vapors may travel considerable distance to a source of ignition and flash back. Combustion may produce carbon dioxide and carbon monoxide.

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS : Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Leaking cans should be placed in a plastic bag or open pail away from ignition sources until the pressure has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

7. Handling and Storage

HANDLING: Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

SAFE HANDLING ADVICE: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

STORAGE: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

NFPA 30B: Aerosol Level 1

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	N.E.	N.E.	N.E.	N.E.
Proprietary	N.E.	N.E.	N.E.	N.E.
Carbon Dioxide	5,000 ppm	30000 ppm	5000 ppm	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

ENGINEERING CONTROLS: No data available

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield. Chemical safety goggles should be worn where contact is possible.

SKIN PROTECTION: Wear impervious gloves to prevent skin contact.

RESPIRATORY PROTECTION: Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

HYGIENIC PRACTICES: When using do not smoke. Observe good industrial hygiene practices.

9. Physical and Chemical Properties

Appearance:	
Physical State:	Liquid
Form:	Spray Aerosol
Color:	Yellow
Odor:	Citrus
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	183
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	No data available
Vapor Pressure @20°C, PSI:	65-85
Relative Vapor Density:	Heavier than Air
Relative Density:	1.075
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	< 14 mm2/s or cSt
Particle Characteristics:	
Size Range, microns (µm):	No data available
Percent under 10 microns:	No data available

10. Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use.

STABILITY: Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available

CONDITIONS TO AVOID: Keep away from heat, sparks, flames, and other sources of ignition. Do not puncture or incinerate containers. Dropping containers may cause bursting.

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon dioxide and carbon monoxide.

11. Toxicological Information

Information on Likely Routes of Exposure

SKIN CONTACT EFFECTS: May cause an allergic skin reaction (sensitization) with itching, redness and hives.

EYE CONTACT EFFECTS: Contact may cause severe irritation with redness, tearing and pain.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:

No known IARC Chemicals

The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:

No known NTP Chemicals

The following Chemicals are listed on U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No known OSHA Chemicals

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

ATE ORAL	5,002 mg/kg
ATE DERMAL	5,002 mg/kg
ATE INHALATION	Not classified for acute toxicity based on available data.

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
100-79-8	2,2-dimethyl-1,3-dioxolan-4-ylmethanol	5,000 mg/kg	5,000 mg/kg	100 mg/l
Proprietary	Proprietary	5000 mg/kg	5000 mg/kg	100 mg/l
124-38-9	Carbon Dioxide	5000 mg/kg	5000 mg/kg	100 mg/l

N.I. = No Information

Skin Corrosion & Irritation:

Product: No data available

Serious Eye Damage & Irritation:

Product: No data available

Components:

2,2-dimethyl-1,3-dioxolan-4-ylmethanol	100-79-8	Causes serious eye irritation.
Proprietary	Proprietary	Causes serious eye irritation.

Respiratory or Skin Sensitization:

Product: No data available

Components:

Proprietary	Proprietary	May cause an allergic skin reaction.

STOT-Single Exposure:

Product: No data available

STOT-Repeated Exposure:

Product: No data available

Aspiration Hazard:

Product: No data available

Carcinogenicity:

Product: No data available

Reproductive Toxicity:

Product: No data available

Germ Cell Mutagenicity:

Product: No data available

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING : Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk	N/A
Packing Group:	N/A

IATA

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	N/A
Packing Group:	N/A

IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	N/A
Packing Group:	N/A

The classification shown In this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations.The shipper of this product should consult the applicable mode’s regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper’s discretion.

15. Regulatory Information

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

CHEMICAL INVENTORY STATUS:

TSCA	On or in compliance with the inventory
DSL	All ingredients in this product are listed on the DSL or are exempt.

CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

No Proposition 65 chemicals present or warning required.

16. Other Information

Revision Date:	4/8/2025
Datasheet produced by:	Regulatory Department

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

Further Information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.