

Material Safety Data Sheet

CleanVia, Inc. urges the customer receiving this MSDS to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents, and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

OECD Format

Fire - 0	Special - 0
Toxicity - 0	Health - 0
Reactivity - 0	Safety - 0

PRODUCT

CV-4000
Cleaner/Degreaser
CONCENTRATE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product Name: CV-4000 Cleaner/DegreaserConcentrate

Supplier: CleanVia, Inc.
POB 69344
Portland, OR 97239-0344

Emergency Telephone Number: 503 288-0000

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains a proprietary ternary non-ionic surfactant compound. Additional contents include *Tall-oil fatty acid*, fermented organic buffers, de-ionized water. Complies with OSHA 29 CFR XVII-1910.1200 Section (I) "Trade Secrets". Contains no hazardous components under current OSHA definitions. European Union: None of the components of this product are listed in Annex I to Directive 67/548/EEC or in Annexes II, III or V to Directive 1999/45/EC.

3. HAZARDS IDENTIFICATION

Most Important Hazards: None. Potential slip/fall hazard, rinse substrate with water.

Specific Hazards: May be an eye irritant. Do not spray into eyes. If irritation does occur, rinse with clean water.

4. FIRST AID MEASURES

General Advice: Product exhibits no adverse effects.

Inhalation: Non-reactive - no first aid needed.

Skin Contact: Non-irritating - no first aid needed.

Eye Contact: Rinse thoroughly with plenty of water.

Ingestion: Non-toxic - no first aid anticipated.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: The product itself does not burn.

Specific Hazards: None.

Specific Methods: Product itself can be used to put out fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None needed. Caution, floor may be slippery.

Specific Hazards: None needed; non-toxic, non-hazardous in neat form.

Methods for Cleaning Up: Filter and reuse or dispose directly by flushing area with water into sewer.

7. HANDLING AND STORAGE

Technical Measures / Precautions: Normal ventilation is adequate.

Safe Handling Advice: Avoid contact with eyes.

Technical Measures / Storage Conditions: Low temperature can cause handling problems. Viscosity of material will increase.

Incompatible Products: No special restrictions on storage with other products.

Packaging Material: No restrictions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: General room ventilation is satisfactory.

Control Parameters: None needed.

Personal Protection Equipment /

Respiratory: None required. General (mechanical) room ventilation is satisfactory.

Eye: None required, but regular safety glasses may be used and are recommended.

Hand: None needed, but nitril gloves are suggested for long working exposure.

Hygiene Measures: Avoid contact with eyes. Safe for skin washing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

pH: 9.6

Color: Light Amber. No coloring added

Odor: Mild. No fragrance added

Boiling Point/Range: 100°C (212°F)

Dielectric Strength: 1.3 KV

Freezing Point: -1°C (30°F)

Evaporation Rate: .7

Specific Gravity: 1.011 @ 60°F

Volatile Organic Compounds: None measurable by U.S. EPA Methods 601, 602 and 608

Decomposition Temperature: Higher than 660°F

Explosive Properties: None

Flash Point: None (Penske Martin Closed Cup)

Relative Density: Greater than 1 (water=1)

Vapor Density: .623

Volatile by Volume: Nil

Vapor Pressure: 17.0 mm of Hg @ 20°C

Water Solubility: 99.935%

10. STABILITY AND REACTIVITY

Conditions to Avoid: None

Materials to Avoid: None. Does not react with other compounds.

Hazardous Decomposition Products: No decomposition occurs.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Non-toxic.

Local Effects: None.

Special Effects: None.

12. ECOLOGICAL INFORMATION

Non-toxic, non-hazardous, safe for the environment.

This product is readily biodegradable according to OECD Method 301B, Modified Sturm Test and OECD Method 301C, MITI

13. DISPOSAL CONSIDERATIONS

Waste Residues/Unused Products: CV-4000 can be used after filtering. Product is recyclable.

Contaminated Packaging: If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulation 1991 if contaminated with hazardous materials. May be disposed of in neat form.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

16. OTHER INFORMATION

For further information, contact the headquarters of CleanVia, Inc., Portland, Oregon USA 503-288-0000

Recommended Use: Cleaner / Degreaser / Surfactant / Oil Dispersant

This information is furnished gratuitously, independent of any sale, and for your independent verification. Although we believe the data to be correct as of this date as the date indicated, we make no representation as to its accuracy and such information may not be valid when product is used in any process or combined with other materials.

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