

Material Safety Data Sheet

Fisherbrand[®] **Versa-Clean**[™]

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: ***Fisherbrand***[®] **Versa-Clean**[™]

Catalog Numbers: (1L) 04-342, (4L) 04-343

Synonyms: None.

Company Identification: Fisher Scientific
1 Reagent Lane
Fairlawn, NJ 07410

Manufactured by: KCI Chemical Products
4969 Normand St.
Montreal, Quebec, CAN.
H8Z 2M6

For information, call: 201-796-7100

514 626-8086

Emergency Number: 201-796-7100

514 626-8086

For CHEMTREC assistance, call: 800-424-9300

For International CHEMTREC assistance, call: 703-527-3887

Use of Product: A multi-purpose, non-toxic, biodegradable cleaner, used undiluted or diluted with water for direct, spray, ultrasonic and soak tank applications.

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Percent	EINECS#
68412-54-4	Polyethylene glycol nonylphenol ether	5-10	unlisted
68603-42-9	Coconut diethanolamide	0-5	204-393-1
0-00-0	Non-hazardous ingredients	0-10	unlisted

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: clear amber, liquid.

Caution! May be harmful if swallowed. May cause eye and skin irritation. May cause digestive tract irritation.

Target Organs: None.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation, after prolonged contamination.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be harmful if swallowed.

Inhalation: None.

Chronic: No information found.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.

Skin: Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

Ingestion: Give several glasses of water to dilute, do not induce vomiting. If stomach upset occurs, consult a physician.

Inhalation: Not applicable

Notes to Physician: Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Auto ignition Temperature: Not applicable.

Flash Point: Not applicable.

NFPA Rating: 1,0,0, (HEALTH: 1, FLAMMABILITY: 0, REACTIVITY: 0)

Explosion Limits: Lower: Not applicable.

Upper: Not applicable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container. Clean up spills immediately, observing precautions in the Protective

Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

SECTION 7 - HANDLING and STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage: Store in a cool, dry place. Keep containers closed.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: None

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA – Final PELs
Coconut diethanolamide	None listed	None listed	None listed
Polyethylene glycol nonylphenol ether	None listed	None listed	None listed
Non-hazardous ingredients	None listed	None listed	None listed

OSHA Vacated PELs:

Coconut diethanolamide:

No OSHA Vacated PELs are listed for this chemical.

Polyethylene glycol nonylphenol ether:

No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear amber
Odor:	Non-perfumed
pH:	8.5 – 9.5 (20°)
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Evaporation Rate:	Not available
Solubility:	Soluble in water
Specific Gravity:	1.06 – 1.09 (20°)
Molecular Formula:	Not available
Molecular Weight:	Not available

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures

Conditions to Avoid: None

Incompatibilities with Other Materials: Acids and strong oxidizing agents

Hazardous Decomposition Products: Not applicable

Hazardous Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS#: unlisted

CAS#: 68412-54-4: 1001220NP

CAS#: 68603-42-9: GG6200000

LD50/LC50:

LD50 of material = 5175 mg/kg LC50 = Not applicable

CAS# 68412-54-4: Oral, rat: LD50 = 2500 mg/kg LC50 = Not applicable

CAS# 68603-42-9: Oral, rat: LD50 = 2700 mg/kg LC50 = Not applicable

Carcinogenicity:

Non-hazardous ingredients

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA

Coconut diethanolamide

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Polyethylene glycol nonylphenol ether -
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

Other Studies: No data available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Environmental Fate: Not available

Physical/Chemical: Not available

Other: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Versa-Clean™ is completely water soluble and biodegradable and will not harm sewage treatment microorganisms if disposed of in sewers or drains. Dispose of in accordance with all applicable local, state and federal laws.

RCRA D-Series Maximum Concentration of Contaminants: None listed

RCRA D-Series Chronic Toxicity Reference Levels: None listed **RCRA F-Series:** None listed **RCRA P-Series:** None listed **RCRA U-Series:** None listed

Not listed as a material banned from land disposal according to RCRA.

SECTION 14 – TRANSPORTATION INFORMATION

US DOT: May be shipped normally as non-hazardous material

IMO: May be shipped normally as non-hazardous material

IATA: May be shipped normally as non-hazardous material

RID/ADR: May be shipped normally as non-hazardous material

Canadian TDG: May be shipped normally as non-hazardous material

SECTION 15 - REGULATORY INFORMATION
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US FEDERAL**TSCA**

CAS# 68412-54-4 is listed on the TSCA inventory.

CAS# 68603-42-9 is listed on the TSCA inventory.

The CAS# of the Non-hazardous ingredients are all listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ): None of the chemicals in this material have an RQ.

Section 302 (TPQ): None of the chemicals in this material have a TPQ.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

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STATE

Polyethylene glycol nonylphenol ether is not present on state lists from CA, PA, MN, MA, FL, or NJ.

Coconut diethanolamide is not present on state lists from CA, PA, MN, MA, FL, or NJ.

Non-hazardous ingredients: Can be found on the following state right to know lists: California, (listed as TELLURIUM), New Jersey, (listed as TELLURIUM), Florida, (listed as TELLURIUM), Pennsylvania, (listed as TELLURIUM), Minnesota, (listed as TELLURIUM), Massachusetts, (listed as TELLURIUM).

California No Significant Risk Level:

None of the chemicals in this product are listed.

European/International Regulations**European Labeling in Accordance with EC Directives**

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 68412-54-4: 2

CAS# 68603-42-9: No information available

CANADA

CAS# 68412-54-4 is listed on Canada's DSL/NDSL List.

CAS# 68603-42-9 is listed on Canada's DSL/NDSL List.

This product has a WHMIS classification of D2B.

CAS# 68412-54-4 is not listed on Canada's Ingredient Disclosure List.

CAS# 68603-42-9 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

CAS# (listed as tellurium): OEL-AUSTRALIA:TWA 0.1 mg/m³

OEL-BELGIUM:TWA 0.1 mg/m³

OEL-DENMARK:TWA 0.1 mg/m³

OEL-FINLAND:TWA 0.1 mg/m³;STEL 0.3 mg/m³

OEL-FRANCE:TWA 0.1 mg/m³

OEL-GERMANY:TWA 0.1 mg/m³

OEL-THE NETHERLANDS:TWA 0.1 mg/m³

OEL-THE PHILIPPINES:TWA 0.1 mg/m³

OEL-SWEDEN:TWA 0.1 mg/m³

OEL-SWITZERLAND:TWA 0.1 mg/m³;STEL 0.5 mg/m³ JAN9

OEL-TURKEY:TWA 0.1 mg/m³

OEL-UNITED KINGDOM:TWA 0.1 mg/m³

OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA check ACGIH TLV
OEL IN NEW ZEALAND, SINGAPORE, VIETNAM check ACGI TLV

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SECTION 16 - ADDITIONAL INFORMATION
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MSDS Creation Date: 7/14/1995

Revision #6 Date: 6/26/2000

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Ken Crowe Inc (KCI Chemical Products), or Fisher Scientific, be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Ken Crowe Inc (KCI Chemical Products) and/or Fisher Scientific have been advised of the possibility of such damages.