



MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

NSW-824
Screen Wash

North America:
NOR-COTE INTERNATIONAL, INC.
506 Lafayette Avenue
Crawfordsville, Indiana 47933
USA
Phone: 765-362-9180 (day phone)
MSDS Issuer: EHS Department
Emergency Phone:
CHEMTREC (United States)
800-424-9300

Europe:
NOR-COTE INTERNATIONAL LTD.
Unit 8 Warrior Park, Eagle Close
Chandlers Ford Industrial Estate
Eastleigh, Hampshire
SO53 4NF England
Tel: +44 (0) 23 80270542 (day phone)
Emergency Phone:
CHEMTREC (Outside U.S.)
703-527-3887

Asia:
NOR-COTE INTERNATIONAL PTE. LTD.
Blk 4012 Ang Mo Kio Ave 10,
#05-08 Techplace 1,
Singapore 569628
Tel: +65 6291-0898 (day phone)
Emergency Phone:
CHEMTREC (Outside U.S.)
703-527-3887

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Product is a colorless liquid with mild citrus odor that may cause minor irritation to eyes, skin and respiratory system.

GENERAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS: (Short-term): Slight eye irritant. No inhalation or ingestion hazard identified from data found. No skin absorption or irritation hazard identified from data found.

CHRONIC HEALTH EFFECTS: (Long-Term): No chronic health hazards are expected through normal use of this material.

EFFECTS OF OVEREXPOSURE

EYE CONTACT: Can cause minor eye irritation.
SKIN CONTACT: Can cause skin irritation by defatting and drying of skin.
INGESTION: Can cause irritation if swallowed in large quantities.
INHALATION: Can irritate respiratory tract. Extreme exposure can result in unconsciousness.

HMIS @ RATING: Health - 1 Flammability - 2 Physical Hazard - 0

SECTION 3 COMPOSITION

CHEMICAL NAME	PERCENT BY WEIGHT	CAS#	EXPOSURE LIMITS
Proprietary	Proprietary	Proprietary	ACGIH TLV: 100 ppm vapor mist (8-hr TWA) / 250 mg/m ³ vapor mist (Ceiling Limit)

The precise composition of this mixture is considered proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency. None of the components in this mixture are listed as a carcinogen per IARC, NTP, OSHA.

SECTION 4 FIRST AID MEASURES

EYE CONTACT: Flush the eye and under lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.

SKIN CONTACT: Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected areas using mild soap.

INHALATION: Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT: 150 °F (65.6 °C) **METHOD:** TCC
AUTO-IGNITION TEMPERATURE: Not Determined
FLAMMABLE/EXPLOSIVE LIMITS: Lower: 0.7% **Upper:** 6.1%
EXTINGUISHING METHOD: Dry Chemicals, Carbon dioxide (CO₂), Water spray, Water fog, or "Alcohol" Foam.



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Evacuate area of all non-emergency personnel. Fire fighters must wear full NIOSH/OSHA approved emergency clothing and equipment with self-contained breathing apparatus. Use Class B fire procedures. Fight fires from upwind and cool intact containers with water spray or stream at maximum range.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Allow only trained personnel wearing appropriate safety equipment to handle spills or releases. Release can cause fire/explosion. Liquid/vapors may ignite. Kill all ignition sources and ventilate area. Stop the release. Prevent flow to sewers/public waters. Notify the local fire /environmental authorities. To prevent slippery walking conditions absorb with inert materials such as dry clay or sand and place in closed, suitable container for disposal as solid waste in accordance with all applicable regulations. On water, material is miscible and may float or sink. Disperse residue to reduce aquatic harm.

SECTION 7 HANDLING AND STORAGE

HANDLING: Avoid any unnecessary contact. Use protective clothing specified in Section 8. Containers, even those that have been emptied, will retain product residue and vapors and should be handled as if they were full. Do NOT cut, mutilate, weld or reuse container. Read and observe all label precautions.

STORAGE: Store in a cool, dry well ventilated area away from incompatible materials. Keep away from heat, sparks, and flames. Do not mix with strong acids, bases and oxidizing materials. Avoid open heating or agitation – this may generate vapor or mists. Keep container closed when not in use.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

HAND PROTECTION: Gloves are recommended to minimize contact. Practice good personal hygiene.

EYE PROTECTION: Use splash-proof safety goggles, safety glasses, or face shields that are ANSI approved to prevent eye contact. Eyewash availability is also recommended.

SKIN PROTECTION: Protective or disposable outer clothing is recommended.

RESPIRATORY PROTECTION: Use of NIOSH approved air purifying respirators, is recommended where TWA is exceeded.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Colorless with citrus odor

BOILING POINT: 310 °F

EVAPORATION RATE: ≤ 1

VAPOR PRESSURE: 0.4 mmHg @ 25°C

VOC Content: 930 gm/L

PHYSICAL STATE: Liquid

SPECIFIC GRAVITY: 0.94

VAPOR DENSITY: 5.1

SOLUBILITY IN WATER: Miscible

SECTION 10 REACTIVITY / STABILITY HAZARD DATA

STABILITY: This material is stable under recommended storage and handling conditions.

INCOMPATIBILITY/CONDITIONS TO AVOID: Avoid heat, sparks, open flame, and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion will generate carbon monoxide.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA: Acute oral toxicity LD50 (rats): 75 grams/kilogram

CARCINOGENICITY: IARC? Not listed

NTP? Not listed

OSHA? Not listed

SECTION 12 ECOLOGICAL INFORMATION

No data on the ecological impact is available however it is recommended that this product not be discharged into waterways or sewer systems without proper authority.

SECTION 13 DISPOSAL CONSIDERATIONS

Unused material and empty containers must be disposed of in accordance with all applicable local, state, and federal laws and regulations.



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SECTION 14 TRANSPORTATION INFORMATION

DOT Information: Combustible Liquid N.O.S. (Contains Terpene Hydrocarbons), Combustible Liquid, NA 1993, PG III, ERG 128
In containers of 119 gallons or less, this product is not regulated by DOT.

SECTION 15 REGULATORY INFORMATION

This Material Safety Data Sheet has been formatted in accordance with American National Standards Institute (ANSI), and contains hazard criteria and information required by the Canadian Controlled Products Regulation (CPR) in regard to this product to the best of our ability.

Global Inventory Status: All components of this product are currently listed or compliant with the following inventories.
Australian Inventory of Chemical Substances (AICS) or National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
Canadian Domestic Substance List (DSL)
European Inventory of Existing Commercial Substances (EINECS)
Japanese Inventory of Existing and New Chemical Substances (ENCS)
Korean Chemical Substance List
Philippine Inventory of Chemical Substances

California Proposition 65 RTK: This product may contain trace chemicals not added as a part of the formulation but remaining as residuals from the manufacturing process of our raw materials suppliers, that are considered by the state of California to cause cancer: None

Coalition of Northeastern Governors (CONEG): This product meets the requirements of CONEG pertaining to heavy metals total content of no more than 100 PPM. No heavy metals are added as a part of the formulation, but raw materials may contain residual parts per million as naturally occurring elements.

Food and Drug Administration (FDA) Food Packaging Status: This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.

Occupational Safety and Health Act (OSHA): This product is classified as hazardous according to 1910.1200 and a class IIIB Combustible liquid according to 1910.106.

Resource Conservation and Recovery Act (RCRA): This product is not regulated as a hazardous substance under 40 CFR 261.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III:

Section 302 – Extremely Hazardous Substances (EHS): This product is not regulated as an EHS.

Section 304 - CERCLA: This product is not regulated for emergency release notification.

Section 311/312 – Hazard Communication Standard (HCS): This product is considered a fire hazard.

Section 313 – Toxic Chemical List (TCL): This product contains the following components that are regulated under the Toxic Chemical Release Reporting requirements 40 CFR 372: None

Toxic Substances Control Act (TSCA) Section 8(b) – Inventory Status: All chemicals in this product are TSCA listed.

SECTION 16 OTHER INFORMATION

HMS® ratings are a registered trade and service mark of the National Paint and Coatings Association with the following scale:

* = Chronic health effect	PPE Index
4 = Severe Hazard	A = Safety Glasses
3 = Serious Hazard	B = Safety Glasses and Gloves
2 = Moderate Hazard	C = Safety Glasses, Gloves and Protective Apron
1 = Slight Hazard	D = Face Shield, Gloves and Protective Apron
0 = Minimal Hazard	E = Safety Glasses, Gloves and Respirator

Definitions

TWA – Time Weighted Average

TLV – Threshold Limit Value

STEL – Short Term Exposure Limit

CAS# - Chemical Abstract Service Number

NTP – National Toxicology Program

PEL – Permissible Exposure Limit

IARC - International Agency for Research on Cancer

ANSI – American National Standards Institute

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Disclaimer: To the best of our knowledge, the product information contained herein is based upon data believed to be reliable, however Nor-Cote makes no warranty and disclaims any liability whatsoever for its accuracy or completeness. Since the actual use of the product is beyond our control, no guarantee expressed or implied, is made by Nor-Cote as to the effects of such uses nor does Nor-Cote assume liability arising out of the use of this product by others. It remains the responsibility of the user to ensure that the use of the product herein is in accordance with all applicable laws and regulations.