

Date Prepared: 12/28/2018

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Product Code: MSDS484
 Product Name: FRESH 'N CLEAN
 ITEM CODE: FRCLGAL

24-hour Emergency Phone: (800) 535-5053

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY:

New Dawn Manufacturing Company
 16001 TRADE ZONE AVE.
 UPPER MARLBORO, MD 20774
 (301) 218-7100

2. HAZARDS IDENTIFICATION

DANGER. Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life. Toxic to aquatic life with long lasting effects. Keep away from sparks, heat, flames. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Avoid release to the environment

Hazard Category: Flammable Liquids:	Category 3			
Skin:	Category 2			
Eye:	Category 1			
Sensitization, skin:	Category 1B			
Aquatic Environment, Acute:	Category 2			
Aquatic Environment, Long term:	Category 2			

Potential Health Effects

EYE:
 Serious eye damage/eye irritation.

SKIN:
 Skin corrosion/irritation. Skin sensitization.

INGESTION:
 May cause nausea, vomiting and stomach irritation.

INHALATION:
 Excessive inhalation may irritate the mucous membranes and the respiratory tract.

CHRONIC (CANCER) INFORMATION:
 Not listed by IARC or NTP as a carcinogen.

TERATOLOGY (BIRTH DEFECT) INFORMATION:
 Not classified as a teratogen.

REPRODUCTION INFORMATION:
 Does not harm reproductive cells.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.

WATER	7732-18-5	40-60
Proprietary Surfactant	Trade Secret	10-18
N, N-DIMETHYL 9-DECENAMIDE	1356964-77-6	5-10
D-Limonene	5989-27-5	< 8
Sodium Carbonate	497-19-8	<2

4. FIRST AID MEASURES

EYES:
 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

SKIN:
 Remove contaminated clothing. Wash with soap and water.

INGESTION:
 If swallowed, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION:
 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIANS:
 Ensure medical personnel are aware of the material(s) involved, and take necessary precautions to protect themselves.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
FLASH POINT: 135.5 F **Method:** Pensky-Martens CC
 Flammable material.

FLAMMABLE LIMITS:
 Lower flammable limit: N/A
 Upper flammable limit: N/A

AUTOIGNITION TEMPERATURE: No Information Available.

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HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

EXTINGUISHING MEDIA:

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

FIREFIGHTING INSTRUCTIONS:

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines. Do not use water jet on fire as an extinguisher, as this will spread the fire.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

LARGE SPILL:

If possible, clean up spill area with absorbent material and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways. Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

HANDLING:

Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Do not handle near heat, sparks or flames. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing.

STORAGE:

Keep containers covered. Avoid eye and prolonged skin contact. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product. No occupational or biological exposure limits have been noted for ingredients.

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RESPIRATORY PROTECTION:

If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

SKIN PROTECTION:

Impervious gloves or clothing, such As Neoprene or nitrile.

EYE PROTECTION:

Chemical splash goggles or glasses with side shields recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 93.33 C (200 F)
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Emulsifies
SPECIFIC GRAVITY: 1.082
pH: 10.4-11.5
ODOR: Citrus.
APPEARANCE: Clear to slightly hazy liquid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): Stable
and nonreactive under normal conditions.

INCOMPATIBILITY:

Strong oxidizing agents. Keep away from heat, sparks, or open flame.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, may be emitted if product burns.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

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EYE:

Direct contact may cause serious damage/irritation.

SKIN:

Low dermal toxicity (LD50 dermal =2162mg/kg(ATE mix)). Skin irritancy of D-limonene in guinea pigs and rabbits is considered moderate and low, respectively. May cause sensitization.

INGESTION:

Low ingestion hazard (LD50/oral/rat = 2703 mg/kg).

INHALATION:

Citrus terpenes show low toxicity by inhalation (RD50>1 g/kg). Inhalation may cause irritation of the nose, throat, and respiratory tract. Non adverse effects due to inhalation are expected.

SUBCHRONIC:

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

CHRONIC/CARCINOGENICITY:

Not classified as a carcinogen.

TERATOLOGY:

Not a teratogen.

REPRODUCTION:

Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

No data available

CHEMICAL FATE INFORMATION:

Toxic to aquatic life. Accumulation in aquatic organisms
is expected.

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13. DISPOSAL CONSIDERATIONS

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.
Dispose empty containers in accordance with applicable regulations.

14. TRANSPORT INFORMATION (Not meant to be all inclusive)

Not regulated as dangerous goods under DOT.
IATA: UN3082 Environmentally Hazardous Substance, Liquid, NOS (D-Limonene), 9, III Marine Pollutant

15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent

U.S. FEDERAL REGULATIONS:

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

Not listed.

SECTION 313:

Not regulated.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

NO INFORMATION AVAILABLE.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

NO INFORMATION AVAILABLE.

EINECS:

NO INFORMATION AVAILABLE.

STATE REGULATIONS:

California Proposition 65: Contains a chemical known to the state of California to cause birth defects or other reproductive harm: ethylene glycol (107-21-1) and methanol (67-56-1).

VOLATILE ORGANIC COMPOUNDS:

NO INFORMATION AVAILABLE.

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16. OTHER INFORMATION

SDS Status:

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of the manufacturer and distributor, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.