

Material Safety Data Sheet

May be used to comply with OSHA's
Hazardous Communication Standard, 29 CFR 1910.1200

NPCA Hazardous Materials Identification System

Specific Hazard	Personal Protection
4-Severe	X-Ask a supervisor
3-Serious	A-Safety Glasses
2-Moderate	B-Goggles, Gloves
1-Slight	C-Goggles, Gloves, Apron
0-Minimal	D-Goggles, Gloves, Apron, & Faceshield

IDENTITY (As used on LABELS and LIST)

Pure Citrus NL414

Health (1) Reactivity (0)
Flammability (2) Personal Protection None

SECTION I

MFGR'S NAME AND ADDRESS

Newline Industries
1030 West Amelia Street
Orlando, FL 32805

EMERGENCY TELEPHONE NUMBER
NUMBER FOR INFORMATION

800-535-5053
407-480-5464

DATE PREPARED:
07/30/2010

SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH	Other Limits Recommended	%Optional
Specific Components				
Specific Chemical Identity				
Common Name(s)				

Citrus Extractives* CAS#94266-47-4	N/A	N/A	N/A	98%
---------------------------------------	-----	-----	-----	-----

*Listed on TSCA as alternate CAS 8008-57-9 (oils, orange, sweet extractives)

OSHA Regulatory Status

This material is combustible, which is defined as having a flash point between 100 deg. F (37.8 deg C) and 200 deg. F (93.3 deg. C). Combustible materials are hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT (F)	310°F	SPECIFIC GRAVITY (H ₂ O=1)	0.889
VAPOR PRESSURE (mmHg)	2mmHg	MELTING POINT	
VAPOR DENSITY (air=1)	0.012	EVAPORATION POINT	Less than 1
SOLUBILITY IN WATER	Forms an emulsion	(Butyl Acetate=1)	
APPEARANCE AND ODOR:	Clear to brown liquid with a strong citrus fragrance.		

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
Over 115°F Closed Cup	@ 320°F	0.7%	6.1%

EXTINGUISHING MEDIA: Carbon Dioxide, Foam or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid. Keep away from heat, spark and open flame.

SECTION V -REACTIVITY DATA Pure Citrus NL414

STABILITY: UNSTABLE () **CONDITION TO AVOID:**
 STABLE (X) None

INCOMPATIBILITY (Materials to Avoid)

Strong oxidizing agents and acidic agents, including clays.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Release carbon monoxide, carbon dioxide and give off smoke.

HAZARDOUS May Occur () **CONDITIONS TO AVOID:**
 Polymerization May Not Occur (X) None

SECTION VI-HEALTH HAZARD DATA**ROUTE(S) OF ENTRY:**

INHALATION: Yes

SKIN: Yes

INGESTION: No

Health Hazards (Acute and Chronic)

Harmful if swallowed. May be irritating to skin and eyes.

CARCINOGENICITY: NTP IARC Monographs? OSHA Regulated?
 No No No

SIGNS AND SYMPTOMS OF EXPOSURE:

None known.

MEDICAL CONDITONS GENERALLY AGGRAVATED BY EXPOSURE:

None known.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Immediately flush with large quantities of water for at least 15 minutes. If irritation persist, see a physician.

Skin: Wash with soap and water.

Ingestion: See a physician. Never give anything by mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Soak up with an absorbent material.

WASTE DISPOSAL METHOD:

Dispose of waste in accordance with Federal, State, and Local ordinances.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Usual precautions for combustible liquids. Store in tightly sealed containers below 140°F.

OTHER PRECAUTIONS: All precautions in this MSDS must be observed.

SECTION VIII- CONTROL METHODS**RESPIRATORY PROTECTION:**

(Specific Type):None normally required

VENTILATION:

LOCAL EXHAUST: Adequate

MECHANICAL (General) None

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Chemically resistant goggles.

EYE PROTECTION: Chemical splash goggles.

OTHER PROTECTIVE EQUIPMENT: None

WORK/HYGENIC PRACTICES: Wash thoroughly after handling.

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.