

# 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

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

## IDENTITY (As used on LABELS and LIST)

**Natural Orange**  
**NL404**

## 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:  
04/30/2010

## SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH	Other	%Optional
Specific Components			Limits	
Specific Chemical Identity			Recommended	
Common Name(s)				
D-Limonene CAS#5989-27-5	N/A	N/A	N/A	

## SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT (F)	310 <sup>0</sup> F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.84
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 liquid with a strong citrus fragrance.		

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
Over 115 <sup>0</sup> F Closed Cup	@ 320 <sup>0</sup> 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 Natural Orange NL404

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

### INCOMPATIBILITY (Materials to Avoid)

Strong oxidizing agents and acidic agents, including clays.

### HAZARDOUS DECOPOSITION OR BYPRODUCTS

Release carbon monoxide, carbon dioxide and give off smoke.

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

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## 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.

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## 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.

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## SECTION VIII- CONTROL METHODS

### RESPIRATORY PROTECTION:

(Specific Type):None normally required

### VENTILATION:

LOCAL EXHAUST: Adequate

SPECIAL:

MECHANICAL (General) None

OTHER:

**PROTECTIVE GLOVES:** Chemically resistant goggles.

**EYE PROTECTION:** Chemical splash goggles.

**OTHER PROTECTIVE EQUIPMENT:** None

**WORK/HYGENIC PRACTICES:** Wash thoroughly after handling.

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**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.**