

# MSDS Material Safety Data Sheet

NIC Industries, Inc



## P-109 MicroSlick

MSDS Number: P109020608

Revision Date: 02/06/08

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

NIC Industries, Inc  
7050 6th Street

White City, OR 97503

#### Contact:

Telephone Number: 541.826.1922

FAX Number: 541.830.6522

E-Mail: info@nicindustries.com

Web www.nicindustries.com

#### Vendor

NIC Industries, Inc  
7050 6th Street

White City, OR 97503

#### Contact:

Telephone Number: 541.826.1922

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Product Name: P-109 MicroSlick  
Revision Date: 02/06/08  
MSDS Number: P109020608  
Common Name: Solid Film Lubricant  
Product Code: P-109

### 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes, Ingestion, Inhalation, Skin  
Target Organs: Central Nervous System, Kidneys, Liver, Gastrointestinal Tract  
Inhalation: May produce symptoms of central nervous system depression including headache, dizziness, nausea, loss of balance, and drowsiness  
Skin Contact: Irritating  
Eye Contact: Irritating  
Ingestion: Ingestion may cause damage to the lining of the gastrointestinal tract

HMIS II-ratings (scale 0-4): Health = 2, Fire = 3, Reactivity = 1  
HMIS® Rating H\*2/F3/PH1

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
64175	7.5-8%	Ethanol
78933	35.3-35.5%	Methyl ethyl ketone (MEK)
108656	1.85-2%	2-Propanol, 1-methoxy-, acetate
71363	31.4-31.6%	n-Butyl alcohol
108883	0.75-0.85%	Toluene
1330207	0.75-0.85%	Xylene
	20-23%	Proprietary Formulation



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### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately.

**Skin Contact:** Wash thoroughly with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash all clothing before re-use. If irritation persists, seek medical attention.

**Eye Contact:** Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** 20 deg Fahrenheit  
**Flash Point Method:** Not Available  
**Burning Rate:** Not Established  
**Autoignition Temperature:** Not Established  
**LEL:** 1.8% MEK; 3.3% Ethanol  
**UEL:** 11.4% MEK; 19.0% Ethanol  
**Flammability Classification:** Flammable

**Extinguishing Media:**  
Carbon dioxide, dry chemical powder, or appropriate foam.

**Fire Fighting Procedures:**

Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Use water spray to cool containers and avoid pressure build-up. Wear self-contained breathing apparatus and full protective clothing. Solvent vapors may be heavier than air. Stagnant air may cause vapors to build up and travel along the ground to an ignition source which may result in a flash back to the source of the vapors.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**  
Evacuate all unnecessary personnel and eliminate all sources of ignition.

**Environmental Precautions:**  
Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, or federal agencies.

**Small Spills:**  
Cover with an inorganic absorbent, such as vermiculite, perlite, ground clay, or sand; sweep up, and dispose of appropriately. Clean contaminated area with soap and water.

**Large Spills:**  
Dike to contain and pump into drums for disposal. Add vermiculite absorbent to remaining material (as above).



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### 7 HANDLING AND STORAGE

**Handling Precautions:** Do not get in eyes, clothing, or on skin.  
Wash thoroughly with soap and water after handling.  
Wear NIOSH approved respiratory is conditions exceed acceptable limits.

**Storage Requirements:** Keep container properly closed and properly labeled.  
Do not store above 110 deg F, keep from freezing.  
Empty containers may contain product residue. Do not cut, puncture, or weld containers.  
Store in a cool dry place designated for combustible liquid storage.  
Keep away from heat, sparks, and open flame.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Adequate room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits. Use of fume hoods or closed booths recommended when product is used in a manner that may generate mist or aerosol.

**Protective Equipment:** HMIS PP, C | Goggles, Gloves, Apron

**Exposure Guidelines/Other:** Appropriate Hygienic Practices:  
Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, fumes, and mists. Avoid prolonged or repeated exposure. Wash thoroughly after handling, and before eating, drinking or smoking.

Other:  
Emergency shower and eyewash facility should be in close proximity.  
Completely isolate and thoroughly clean all equipment, piping or vessels with a high flash, non-polar solvent before beginning maintenance or repairs.

Respiratory:  
If mists or aerosols are generated during handling wear a respirator equipped with an N99 filter and an organic vapor cartridge.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black, Opaque Liquid	<b>Boiling Point:</b>	112 deg Fahrenheit
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	Not Established
<b>Odor:</b>	Sweet Solvent	<b>Solubility:</b>	Insoluble
<b>pH:</b>	Not applicable	<b>Spec Grav./Density:</b>	Approximately 0.99
<b>Vapor Pressure:</b>	Not Applicable		
<b>Vapor Density:</b>			
<b>VOC:</b>	63% by Weight		



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### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Moisture, Excessive Heat, Sources of Ignition
<b>Materials to avoid (incompatibility):</b>	Avoid water, reactive materials
<b>Hazardous Decomposition products:</b>	Carbon dioxide, carbon monoxide, metal oxides
<b>Hazardous Polymerization:</b>	Will not occur

### 11 TOXICOLOGICAL INFORMATION

No human studies have been conducted with this specific material. The use of recommended protective equipment should prevent any adverse effects. See section 15 for further information.

### 12 ECOLOGICAL INFORMATION

Avoid release to surface waters and waste treatment systems. This material may be hazardous to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

Do not mix this product with aqueous or other protic waste streams. Disposal in a permitted facility in accordance with the local, state, and federal regulations is the recommended disposal method. Do not incinerate closed containers.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3

US DOT:

Proper Shipping Name: Paint or Paint Related Material  
Hazard Class: 3  
UN Number: 1263  
Packing Group: III

IATA:

Proper Shipping Name: Paint or Paint Related Material  
Hazard Class: 3  
UN Number: 1263  
Packing Group: III  
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### REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Ethanol (64175 7.5-8%) MASS, OSHAWAC, PA, TXAIR

\*Methyl ethyl ketone (MEK) (78933 4.5-5%) CERCLA, HAP, HWRCRA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

\*n-Butyl alcohol (71363 1.5-1.6%) CERCLA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

\*Toluene (108883 0.75-0.85%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TXAIR, TXHWL

\*Xylene (1330207 0.75-0.85%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

#### REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List  
OSHAWAC = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance  
HAP = Hazardous Air Pollutants  
HWRCRA = RCRA Hazardous Wastes  
NJHS = NJ Right-to-Know Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous Waste List

CSWHS = Clean water Act Hazardous substances  
EPCRAWPC = EPCRA water Priority Chemicals  
PRIPOL = Clean water Act Priority Pollutants  
PROP65 = CA Prop 65  
TOXICPOL = Clean water Act Toxic Pollutants

APP9 = Appendix 9  
NRC = Nationally Recognized Carcinogens  
OSHAHTS = OSHA Hazardous and Toxic Substances



## **16 OTHER INFORMATION**

### U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to all your employees.

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**END OF MSDS DOCUMENT**