

# MSDS Material Safety Data Sheet

NIC Industries, Inc



## P-202 Arctic Black

MSDS Number: P202072111

Revision Date: 07/21/11

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

NIC Industries, Inc  
7050 6th Street

White City, OR 97503

#### Contact:

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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

FAX Number: 541.830.6522

E-Mail: 541.830.6522

Web www.nicindustries.com

Product Name: P-202 Arctic Black  
Revision Date: 07/21/11  
MSDS Number: P202072111  
Common Name: Solid Film Lubricant  
Product Code: P-202

### 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes, Ingestion, Inhalation, Skin  
Target Organs: Central Nervous System, Kidneys, Liver, Gastrointestinal Tract  
Inhalation: Substance is toxic to lungs and mucous membranes. May produce symptoms of central nervous system depression including headache, coughing, chest pain, difficulty breathing, nausea, vomiting, abdominal discomfort, and diarrhea. Medical conditions generally aggravated.  
Skin Contact: Irritant and Permeator. Burning, tearing, drying or cracking of skin. Medical conditions generally aggravated.  
Eye Contact: Irritating  
Ingestion: Ingestion may cause damage to the lining of the gastrointestinal tract and upper respiratory 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	<14%	Ethanol
78933	<37%	Methyl ethyl ketone
123864	33%	n-Butyl acetate



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### 4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately.
- Skin Contact:** Flush skin with plenty of water. Wash thoroughly with soap and water (not solvents) for at least 15 minutes while removing contaminated clothing and shoes. Wash all clothing before re-use. Cover skin with an emollient or in case of serious skin exposure, anti-bacterial cream. Seek medical attention.
- Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention immediately.

### 5 FIRE FIGHTING MEASURES

- Flash Point:** -24 deg Fahrenheit  
**Flash Point Method:** Not Available  
**Burning Rate:** Not Established  
**Autoignition Temperature:** 759.2 deg Fahrenheit  
**LEL:** 1.1  
**UEL:** 7.9  
**Flammability Classification:** Flammable

**Extinguishing Media:**  
Carbon dioxide, dry chemical powder, water spray, fog 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. Highly toxic gases may be generated by thermal decomposition or combustion.

### 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. Spills should be reported, if required, to the appropriate local, state, or federal agencies.

Wear air supplied NIOSH approved respirator for major unventilated release. Cover with absorbent material and keep loosely covered for 48 hours.

**Small Spill:**  
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill:**  
Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS



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and with local authorities.

### 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.  
Keep locked up.  
Keep away from heat. Keep away from sources of ignition.  
Ground all equipment containing material.  
Do not ingest. Do not breathe gas/fumes/ vapor/spray.  
Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.  
If ingested, seek medical advice immediately and show the container or the label.  
Keep away from incompatibles such as oxidizing agents, metals, acids, alkalis.

#### 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.  
All label warning must be observed, until container has been cleaned or reconditioned, or properly disposed of. Mix material well to proper specifications.

### 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:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

#### 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.



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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black, Opaque Liquid	<b>Boiling Point:</b>	165 deg Fahrenheit
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	-108.2 deg Fahrenheit
<b>Odor:</b>	Sweet Solvent	<b>Solubility:</b>	Insoluble
<b>pH:</b>	Not applicable	<b>Spec Grav./Density:</b>	.805
<b>Vapor Pressure:</b>	1.3 kPa at 20 deg Celcius		
<b>Vapor Density:</b>	2.41		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Moisture, Excessive Heat, Sources of Ignition, Mechanical Shock, incompatible materials.
<b>Materials to avoid (incompatibility):</b>	Avoid water. Reactive with oxidizing agents, metals, acids, alkalis. Incompatible with chloroform, copper, hydrogen peroxide, nitric acid, potassium t-butoxide, 2-propanol, chlorosulfonic acid, strong oxidizers, amines, ammonia, inorganic acids, isocyanates, caustics, pyridines. Vigorous reaction with chloroform+alkali.
<b>Hazardous Decomposition products:</b>	Carbon dioxide, carbon monoxide, metal oxides.
<b>Hazardous Polymerization:</b>	Will not occur

### 11 TOXICOLOGICAL INFORMATION

Causes damage to the following organs: lungs, the nervous system, mucous membranes. Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator).

Acute Potential Health Effects:

Skin: Causes skin irritation. May be absorbed through the skin.

Eyes: Causes eye irritation.

Inhalation: Inhalation of high concentrations may cause central nervous effects characterized by headache, dizziness, unconsciousness, and coma. Causes respiratory tract irritation and affects the sense organs. May affect the liver and urinary system.

Ingestion: Causes gastrointestinal tract irritation with nausea, vomiting and diarrhea. May affect the liver.

Chronic Potential Health Effects: Chronic inhalation may cause effects similar to those of acute inhalation. Prolonged or repeated skin contact may cause defatting and dermatitis.

MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Classified POSSIBLE for human. May cause damage to the following organs: gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS)

The use of recommended protective equipment should prevent any adverse effects. See section 15 for further information.



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### 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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### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Ethanol (64175 <14%) MASS, OSHAWAC, PA, TXAIR

\*Methyl ethyl ketone (78933 <37%) CERCLA, HAP, HWCRA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

\*n-Butyl acetate (123864 33%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TXAIR

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

HWCRA = 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

# **MSDS** *Material Safety Data Sheet* NIC Industries, Inc



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

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## **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**