1. Product and Company Identification

Material name: Ammonia, anhydrous

Version #: 01
Issue date: 01-09-2013

Revision date: -

Supersedes date: -

Chemical description: Inorganic, alkaline gas or liquid

CAS #: 7664-41-7

MSDS number: KFC_NH3_NA_EN

Synonym(s): Ammonia, 82-00-0, NH3

Manufacturer/Supplier: Koch Fertilizer Canada ULC
1400 17th Street East
Brandon, MB R7A 7C4 CA
kochmsds@kochind.com
204-729-2900

Emergency: For Chemical Emergency
Call CHEMTREC day or night
USA/Canada 1.800.424.9300
Outside USA/Canada 1.703.527.3887
(collect calls accepted)

2. Hazards Identification

Physical state: Gas compressed, liquefied.

Appearance: Compressed liquefied gas.

Emergency overview: DANGER! (Inhalation hazard)

Corrosive. Causes skin, eye and digestive tract burns. Causes severe respiratory tract irritation. Harmful if inhaled or swallowed. Compressed liquefied gas.

OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects:

Routes of exposure:

Inhalation. Skin contact. Eye contact.

Eyes: Causes eye burns. Direct contact with liquefied gas may cause eye damage from frostbite. May cause blindness.

Skin: Causes skin burns. Contact with liquefied gas might cause frostbites, in some cases with tissue damage.

Inhalation: Can cause severe respiratory irritation. May cause lung edema. Harmful if inhaled in concentration higher than STEL or TWA (see section 8.)

Ingestion: Harmful if swallowed. However: This material is a gas under normal atmospheric conditions and ingestion is unlikely.


Chronic effects: May cause damage to the liver and kidneys. May cause central nervous system effects.

Signs and symptoms: Contact with this material in concentrations higher than STEL or TWA (see section 08) will cause burns to the skin, eyes and mucous membranes. Cough, shortness of breath, headache, nausea, vomiting. Be aware that symptoms of lung edema (shortness of breath) may develop up to 24 hours after exposure.

Potential environmental effects: Not relevant, due to the form of the product. In aqueous solution: Very toxic to aquatic organisms. Ammonia is neither persistent nor bioaccumulative.
3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous</td>
<td>7664-41-7</td>
<td>99-99.8</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>0.2-1</td>
</tr>
</tbody>
</table>

Composition comments
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
This Safety Data Sheet is not a guarantee of product specification or NPK value(s). NPK content is on specified sales orders, customer invoices, or product specification sheets obtained from supplier.

4. First Aid Measures

First aid procedures

Eye contact
Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance. If medical assistance is not immediately available, flush an additional 15 minutes. If frostbite occurs, immediately flush eyes with plenty of warm water (not exceeding 105°F/41°C) for at least 15 minutes. If easy to do, remove contact lenses.

Skin contact
Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If frostbite occurs, immerse affected area in warm water (not exceeding 105°F/41°C). Keep immersed for 20 to 40 minutes. Get medical attention immediately. Chemical burns must be treated by a physician.

Inhalation
Move injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention immediately.

Ingestion
Call a physician or poison control center immediately. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration. This material is a gas under normal atmospheric conditions and ingestion is unlikely.

Notes to physician
Signs and symptoms of CNS depression, confusion and convulsions should be considered in the assessment and treatment of victims of exposure. Be aware that symptoms of lung edema (shortness of breath) may develop up to 24 hours after exposure.

General advice
Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

5. Fire Fighting Measures

Flammable properties
Containers can burst violently when heated, due to excess pressure build-up.

Extinguishing media
Suitable extinguishing media
Carbon dioxide (CO2). Water. Dry powder.

Unsuitable extinguishing media
Not applicable.

Protection of firefighters
Specific hazards arising from the chemical
Flammable gas - may cause flash fire. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Chemical protective clothing is needed if contact with vapor or liquid is anticipated.

Fire fighting equipment/instructions
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Chemical protective clothing is needed if contact with vapor or liquid is anticipated.

Specific methods
Evacuate area. Cool containers exposed to flames with water until well after the fire is out. Do not get water inside container. Remove pressurized gas cylinders from the immediate vicinity. Close the valve if no risk is involved. Do not extinguish a leaking gas fire unless leak can be stopped. If leak cannot be stopped and no danger to surrounding area allow the fire to burn out. Fight fire from a protected location.

6. Accidental Release Measures

Personal precautions
If leakage cannot be stopped, evacuate area. Avoid contact with cold gas. Avoid inhalation and contact with skin and eyes. In aqueous solution: Avoid contact with spilled material. Wear appropriate personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment.
Environmental precautions
In aqueous solution: Avoid release to the environment. Do not contaminate water.

Methods for containment
Stop leak if you can do so without risk. Use water spray to reduce vapors or divert vapor cloud drift. Do not put water directly on leak, spill area or inside container. In aqueous solution: Collect runoff for disposal as potential hazardous waste. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up
Ventilate well, stop flow of gas or liquid if possible. Allow gas to evaporate. Remove sources of ignition. Beware of the explosion danger. Vapor can be controlled using a water fog. In aqueous solution: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Other information
Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling
Avoid inhalation and contact with skin and eyes. Do not get in eyes, on skin, on clothing. Do not breathe gas. Use only with adequate ventilation. Open valve slowly. Ensure that cylinders are not exposed to heat. When using, do not eat, drink or smoke. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Observe good industrial hygiene practices.

Storage
Compressed gas storage. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Store in a cool and well-ventilated place. Secure cylinders in an upright position at all times, close all valves when not in use. Secure cylinders from falling or being knocked over.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>STEL</td>
<td>35 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>PEL</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>STEL</td>
<td>24 mg/m3</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>35 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>17 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>STEL</td>
<td>35 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>STEL</td>
<td>35 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>
### Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>STEL</td>
<td>24 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>17 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

### Mexico. Occupational Exposure Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>STEL</td>
<td>27 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>18 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

### Engineering controls
Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. An eye wash and safety shower must be available in the immediate work area.

### Personal protective equipment

#### Eye / face protection
Wear approved, tight fitting safety goggles where splashing is probable. Gas-proof goggles are recommended. Use of full face respirator with a canister or cartridge approved for NH3 is best practice.

#### Skin protection
Thermally protective gloves are recommended. Suitable gloves can be recommended by the glove supplier. Wear appropriate chemical resistant clothing to prevent any possibility of skin contact.

#### Respiratory protection
Respirator type: Chemical respirator with specific cartridge and full facepiece providing protection against the compound of concern. Seek advice from supervisor on the company's respiratory protection standards. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134.

#### General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Wash hands after handling.

### 9. Physical & Chemical Properties

#### Appearance
Compressed liquefied gas.

#### Physical state
Gas compressed, liquefied.

#### Form
Compressed liquefied gas.

#### Color
Colorless.

#### Odor
Pungent. Irritating.

#### Odor threshold
5 ppm

#### pH
11.7 approximate (1% aqueous solution)

#### Vapor pressure
124 psi @ 20 °C (68 °F)

#### Vapor density
0.6 @ 0 °C (Air = 1)

#### Boiling point
-28.1 °F (-33.4 °C)

#### Melting point/Freezing point
-30.8 °F (-34.9 °C) (20% solution)

#### Solubility (water)
34 % @ 20 °C

#### Specific gravity
0.633 @ 4 °C (Water=1)

#### Flash point
Not available.

#### Flammability limits in air, upper, % by volume
25 %

#### Flammability limits in air, lower, % by volume
16 %

#### Auto-ignition temperature
1203.8 °F (651 °C)

#### Viscosity
0.266 cP @ -34 °C
10. Chemical Stability & Reactivity Information

**Chemical stability**
Stable under normal temperature conditions and recommended use.

**Conditions to avoid**
Heat, sparks, flames, elevated temperatures. Heat may cause the containers to explode. May form explosive mixtures with air. Contact with acids will cause evolution of heat.

**Incompatible materials**
Acids. Halogens. Oxidizing agents. Mercury, silver oxide or hypochlorite can form explosive compounds.

**Hazardous decomposition products**
Upon decomposition, this product may yield poisonous gases including oxides of nitrogen, hydrogen gas and ammonia. Decomposition temperature may be lowered to 575 °F (302 °C) by contact with certain metals, such as nickel.

**Possibility of hazardous reactions**
May react with evolution of heat on contact with water. Hazardous polymerization does not occur.

11. Toxicological Information

**Toxicological data**

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>3796 - 6586 ppm, 1 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2961 - 5137 mg/m³, 1 Hours</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>350 mg/kg</td>
</tr>
</tbody>
</table>

**Sensitization**
Not a skin sensitizer.

**Acute effects**
Causes skin, eye and digestive tract burns. Causes severe respiratory tract irritation. Harmful if inhaled or swallowed. May cause lung edema. Contact with liquefied gas can cause damage (frostbite) due to rapid evaporative cooling.

**Local effects**
Causes skin, eye and digestive tract burns. Causes severe respiratory tract irritation.

**Chronic effects**
Long term exposures may affect liver, kidneys, and central nervous system.

**Carcinogenicity**
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Not classified.

**Mutagenicity**
No data available.

**Neurological effects**
May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue) and/or damage.

**Reproductive effects**
No data available.

**Teratogenicity**
Not available.

**Symptoms and target organs**
Contact with this material will cause burns to the skin, eyes and mucous membranes. Cough, shortness of breath, headache, nausea, vomiting.

**Further information**
Be aware that symptoms of lung edema (shortness of breath) may develop up to 24 hours after exposure.

12. Ecological Information

**Ecotoxicological data**

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia, anhydrous (CAS 7664-41-7)</td>
<td>Fish</td>
<td>LC50 Carp</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.3 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

**Ecotoxicity**
In aqueous solution: Very toxic to aquatic organisms.

**Persistence and degradability**
Not relevant.

**Bioaccumulation / Accumulation**
Not relevant.
13. Disposal Considerations

Waste codes
D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]

Disposal instructions
The packaging should be collected for reuse. Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT
Basic shipping requirements:
- UN number: UN1005
- Proper shipping name: Ammonia, anhydrous
- Hazard class: 2.2
- Environmental hazards:
  - Marine pollutant: Yes
- Additional information:
  - Special provisions: 13, T50
  - Packaging exceptions: None
  - Packaging non bulk: 304
  - Packaging bulk: 314, 315

IATA
- UN number: UN1005
- UN proper shipping name: Ammonia, anhydrous
- Transport hazard class(es): 2.3
- Subsidiary class(es): 8
- Environmental hazards: Yes
- ERG code: 2CP

Special precautions for user
Read safety instructions, MSDS and emergency procedures before handling.

IMDG
- UN number: UN1005
- UN proper shipping name: AMMONIA, ANHYDROUS
- Transport hazard class(es): 2.3
- Subsidiary class(es): 8
- Environmental hazards:
  - Marine pollutant: Yes
  - EmS: F-C, S-U

Special precautions for user
Read safety instructions, MSDS and emergency procedures before handling.
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not applicable.

TDG
- Proper shipping name: AMMONIA, ANHYDROUS
- Hazard class: 2.3
- Subsidiary hazard class: 8
- UN number: UN1005
- Marine pollutant: Yes

15. Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- All components are on the U.S. EPA TSCA Inventory List.
- TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
- Not regulated.
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Spill: Reportable quantity
Ammonia, anhydrous (CAS 7664-41-7) 100 LBS

US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Substance: Threshold Planning Quantity
Ammonia, anhydrous (CAS 7664-41-7) 500 LBS

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration
Ammonia, anhydrous (CAS 7664-41-7) 1.0%

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
Ammonia, anhydrous (CAS 7664-41-7) Listed.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
Ammonia, anhydrous: 100

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard - Yes</th>
<th>Delayed Hazard - Yes</th>
<th>Fire Hazard - No</th>
<th>Pressure Hazard - Yes</th>
<th>Reactivity Hazard - No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 302 extremely Hazardous Substance (40 CFR 355, Appendix A)</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 311/312 (40 CFR 370)</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)

Canadian regulations
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS status
Controlled

WHMIS classification
A - Compressed Gas
B1 - Flammable Gases
D1A - Immediate/Serious-VERY TOXIC
E - Corrosive

WHMIS labeling

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)
State regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance
Ammonia, anhydrous (CAS 7664-41-7) Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

US - New Jersey RTK - Substances: Listed substance
Ammonia, anhydrous (CAS 7664-41-7) Listed.

US. Massachusetts RTK - Substance List
Ammonia, anhydrous (CAS 7664-41-7) Listed.

US. New Jersey Worker and Community Right-to-Know Act
Ammonia, anhydrous (CAS 7664-41-7) 500 LBS

US. Pennsylvania RTK - Hazardous Substances
Ammonia, anhydrous (CAS 7664-41-7) Listed.

Mexico regulations
This product is dangerous according to Mexican regulations.

16. Other Information

Recommended restrictions
Use in accordance with supplier's recommendations.

Further information
HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 3*
Flammability: 1
Physical hazard: 2
Personal protection: K

NFPA ratings
Health: 3
Flammability: 1
Instability: 0

Disclaimer
NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet (SDS) and was prepared pursuant to Government regulation(s) that identify specific types of information to be provided. This SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. Additional information may be needed to evaluate other uses of the product, including use of the product in combination with any materials or in any processes other than those specifically referenced. Information provided herein with respect to any hazards that may be associated with the product is not meant to suggest that use of the product in a given application will necessarily result in any exposure or risk to workers or the general public. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product. Purchasers and users assume all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Purchasers and users of the product specifically should advise all of their employees, agents, contractors and customers who will use the product of this (M)SDS.