



---

*North America's Leader in Hazardous Material Information Management*  
*1905 Aston Avenue, Carlsbad, CA 92008*  
*Phone (800) 451-8346 Fax (760) 602-8888*

---

## MSDS PRODUCT INFORMATION

Date: 05/04/2009  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Invacare Continuing Care Group  
Product Name: Invacare Heavy Duty Cleaner

Emergency	Response Data
<b>Fire</b> (Product is Non-Flammable)	For fires in area use appropriate media, such as water spray, dry chemical, carbon dioxide, or foam. Heat and fire in the area will increase air born vapor, use respiratory protection.
	<b>Special Procedures:</b> Evacuate area of unprotected personnel. Wear protective clothing including a NIOSH approved, self contained breathing apparatus.
	<b>Unusual Hazards:</b> The temperature conditions of a fire may promote the reaction of the product with some metals such as aluminum, zinc, and tin releasing flammable hydrogen gas.
<b>First Aid Measures</b> Give First Aid as listed and then call 888-255-3924 or Contact a Physician for further medical instructions	<b>Inhalation:</b> Move victim to a fresh air location, give artificial respiration if patient is not breathing. <b>Ingestion:</b> Do not induce vomiting. If patient is conscious and can swallow, administer milk or water. <b>Skin:</b> Remove contaminated clothes and flood with clear water for 15 minutes. <b>Eyes:</b> Flood eyes for 15 minutes with lukewarm water (not hot) having the patient blink as much as possible.

### Section VIII - Control Measures

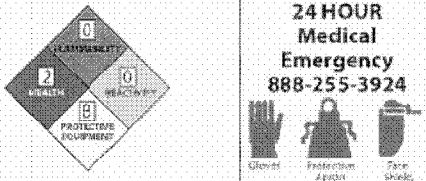
Water Disposal Method	Follow federal, state and local regulations.
Precautions in handling and storage	Prevent from freezing - expands upon freezing which could cause the container to leak.
Storage	Store in original container in a cool dry, well ventilated area away from sources of ignition.  Store away from food and feed. Containers should be kept tightly closed when not in use. Keep in an area inaccessible to children.
Other precautions	Use only as directed on the product label. Use all protective gear as indicated. Do not mix with other chemical products. (Mixing chemical products with other chemical products may liberate poisonous or explosive gases and in some cases enough heat could be generated to cause ignition).

The Data in this Material Safety Data Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The Data contained is believed to be accurate, however, since use conditions vary and are therefore outside of our control, we make no warranties, expressed or implied and assume no liability for failure to follow product use directions and safety precautions.

## Material Safety Data Sheet

Used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200 and Appendices

### Identity (as used on product label)

<b>INVACARE HEAVY DUTY CLEANER</b>		<b>Health</b>	<b>2</b>
	<b>24 HOUR Medical Emergency 888-255-3924</b>	<b>Flammability</b>	<b>0</b>
		<b>Reactivity</b>	<b>0</b>
		<b>Protective Equipment</b>	<b>B</b>
<b>Product Description</b> One-Step Acid Cleaner/Sanitizer	<b>Formula</b> Proprietary Blend	<b>Chemical Family</b> N.A.	<b>EPA REGISTERED</b>
<b>D.O.T. Proper Shipping Name:</b> Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Phosphoric Acid)	<b>Shipping ID Number</b> UN3264	<b>Packing Group</b> III	<b>Hazard Class</b> B Corrosive Material

### Section I - Manufacturers or Suppliers Data

<b>Invacare Continuing Care Group</b>	Primary Phone : 800-333-6900
899 Cleveland Street	Secondary Phone: 800-348-4848
Elyria, OH 44035	Date prepared: June 26, 2007

### Section II - Hazard Ingredients / Identity Information

Orthophosphoric Acid/Phosphoric Acid CAS Registry Number: 7664-38-2	1mg/M <sup>3</sup>	8.5% wt/wt
Oxalic Acid CAS Registry Number: 144-62-7	1mg/M <sup>3</sup>	1.0-5.0% wt/wt
Allyl HC (4-50%, C12-40%, C16-30%) Dimethyl Benzyl Ammonium Chloride CAS Registry Number: 68424-85-1	No Limits Established	1.0% wt/wt
Octyl Decyl Dimethyl Ammonium Chloride CAS Registry: 32426-11-2	No Limits Established	0.75% wt/wt
Didecyl Dimethyl Ammonium Chloride CAS Registry Number: 7173-51-5	No Limits Established	0.45% wt/wt

## Section II - Hazard Ingredients / Identity Information

Dioctyl Dimethyl Ammonium Chloride CAS Registry Number 5538-94-3	No Limits Established	0.5% wt/wt
This product contains no other ingredients considered hazardous according to the criteria of 29 CFR 1910.1200, OSHA		
This product does not contain any known carcinogens NTP annual report, 29 CFR 1910, App.Z		

## Section III - Physical / Chemical Characteristics

Boiling Point - 212 degrees F.	Specific Gravity - 1.050 @ 25 degrees C	Vapor Pressure - N/E
Melting Point - N/A	Solubility in Water - Complete	Vapor Density - N/E
Appearance and Odor - Blue, non viscous solution, soap scent pH >2.0 concentrate <1		

## Section IV - Fire and Explosion Hazard Data

No Fire or Explosion Hazard under normal conditions - Not Flammable
---

## Section V - Reactivity Data

Stability	Conditions to Avoid	Materials to Avoid
Stable	None known	Do not mix with other chemicals.  Avoid sodium hypochlorite, and other strong alkali such as caustic soda or caustic potash, contact with metals such as aluminum, tin, zinc and their alloys will produce flammable hydrogen gas. Mixing with cyanides, sulfides and sulfites may release poisonous gases.
Mixing with incompatible materials may produce hydrogen gas, chlorine gas, sulfur dioxide, hydrogen sulfide, nitrous oxide, ammonia vapor and other poisonous gases.		
Hazardous polymerization will not occur.		

N/A (not applicable), N/E (not established)

## Section VI - Health Hazard Data

<b>Effects of Exposure</b>	<b>Inhalation of mists</b> may cause irritation to nose, throat and mucous membranes. Pulmonary irritation, Pulmonary edema, tissue damage, and chemical burns. Severity depends on degree of exposure. Corrosive. <b>Ingestion:</b> Harmful or fatal if swallowed. May cause nausea, vomiting, and gastrointestinal irritation, swelling of the larynx, respiratory distress, skeletal muscle paralysis, circulatory shock and convulsions. Corrosive. <b>Skin Contact:</b> may cause severe irritation, dermatitis, and chemical burns. Corrosive. <b>Eye Contact:</b> is corrosive, causes eye burns, may cause temporary or permanent vision loss and blindness. <b>Acute &amp; Chronic:</b> Corrosive to all body tissues, harmful skin contact may not cause immediate pain.
<b>Routes of Entry</b>	Ingestion, Skin Absorption, Broken Skin, Eyes, Inhalation
<b>Target Organs</b>	Eyes, Skin, Respiratory, Circulatory, and G.I. Systems

## Section VII - Precautions for Safe Handling and Use

Protective Gear	Normal Use	Spill Handling
<b>Respiratory Protection</b>	Avoid Vapor wear Full Face Shield	Full Face Shield and respirator mask, self contained breathing apparatus
<b>Ventilation - Local Exhaust</b>	Not Required	extra ventilation helpful
<b>Ventilation - General Mechanical</b>	Adequate	extra ventilation helpful
<b>Protective Gloves</b>	Required	Required
<b>Eye Protection</b>	Full Face Shield	Goggles may be needed when concentrated liquid may splash in eyes
<b>Other Protective Clothing or Equipment</b>	Water resistant apron or better	Complete water resistant suit recommended
<b>Precautions</b>	<b>Working Practices and Hygienic Practices</b> Use as directed on product label and instruct personnel in using protective gear. Handle carefully to avoid spills.	If concentrated liquid is spilled on clothing, change clothing and wash off skin and rinse with clear water for 15 minutes as soon as possible. Spills should be soaked up from floor using sand or other inert non-combustible absorbent material.