






# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2554	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	ARTIC CLEAN	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Cold Storage Room Cleaner	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Serious Eye Damage / Eye Irritation, Category 2A Reproductive Toxicity, Category 1B Specific Target Organ Toxicity, Single Exposure, Category 3 Flammable Liquids, Category 3	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>			
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### HAZARD STATEMENTS:

H319: Causes serious eye irritation.  
H360: May damage fertility or the unborn child.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H226: Flammable liquid and vapor.

### PRECAUTIONARY STATEMENTS:

**Prevention:** P264: Wash face, hands and any exposed skin thoroughly after handling.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P281: Use personal protective equipment as required.  
P271: Use only outdoors or in a well-ventilated area.  
P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
**Response:** P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P314: Get medical advice/attention if you feel unwell.  
**Storage:** P404: Store in a closed container.  
**Disposal:** P501: Dispose of contents/container to an approved waste disposal plant.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Propylene Glycol Monomethyl Ether	107-98-2	< 50
2-propanol	67-63-0	< 30
2-methoxypropanol	1589-47-5	< 1

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

### INHALATION:

Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

### INGESTION:

Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

### NOTES TO PHYSICIAN:

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 5. Fire-Fighting Measures

### FLAMMABLE CLASS:

Flammable liquid.

### GENERAL HAZARD:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

### SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, CO<sub>2</sub>, water spray or regular foam. Move containers from fire area, if you can do it without risk.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

In a fire or if heated, a pressure increase will occur and the container may burst.

### HAZARDOUS COMBUSTION PRODUCTS:

May include carbon monoxide, carbon dioxide and other toxic gases or vapors.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### SMALL SPILL:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### LARGE SPILL:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, watercourses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

## 7. Handling and Storage

### SAFE HANDLING:

Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

### SAFE STORAGE & INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure Controls / Personal Protection

### Exposure Guidelines

#### OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name		Exposure Limits					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propylene Glycol Monomethyl Ether	TWA			100	369		
	STEL			150	553		
2-propanol	TWA	400	980	200	490	NL	NL
	STEL			400	960	NL	NL

### APPROPRIATE ENGINEERING CONTROLS:

Proper ventilation in accordance with good industrial hygiene should be provided.

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield.

**Skin Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Protective Clothing: Wear chemical protective clothing e.g. gloves, aprons, boots as conditions require.

**General Hygiene Considerations:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

## 9. Physical & Chemical Properties

Chemical Name:	Flash Point (°C)		
Propylene Glycol Monomethyl Ether	90		
<b>Appearance:</b>	Colored liquid.	<b>Flammability Limits:</b>	No data available.
<b>Physical State:</b>	Liquid.	<b>Vapor Density:</b>	No data available.
<b>Odor:</b>	Typical.	<b>Vapor Pressure:</b>	No data available.
<b>Odor Threshold:</b>	No data available.	<b>Solubility (water):</b>	Completely soluble.
<b>pH:</b>	9 to 11.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Melting Point:</b>	No data available.	<b>Thermal Decomposition:</b>	No data available.
<b>Freezing Point:</b>	Not applicable.	<b>Flash Point &amp; Method:</b>	(82°F) ASTM D56.
<b>Boiling Point:</b>	(180°F).	<b>Specific Gravity:</b>	0.95.
<b>Viscosity:</b>	Water thin.	<b>Evaporation Rate:</b>	< 1.

## 10. Stability & Reactivity Information

### STABLE:

Yes

### CHEMICAL STABILITY:

Stable under recommended storage conditions.

### POSSIBILITY OF HAZARDOUS REACTIONS:

Under normal conditions of storage and use, hazardous reactions will not occur.

### CONDITIONS TO AVOID:

Heat, flames and sparks.

**INCOMPATIBLE MATERIALS:**

Strong oxidizing agents, strong acids, organic materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

May include carbon monoxide, carbon dioxide (CO<sub>2</sub>) and other toxic gases or vapors.

**11. Toxicological Information****ACUTE TOXICITY:**

Product	Test Results
Propylene Glycol Monomethyl Ether	
<b>Acute</b>	
<i>Dermal</i>	
LD50	13000
<i>Inhalation</i>	
LC50	15000
<i>Oral</i>	
LD50	5660

**DERMAL LD50:** > 2000 mg/kg

**ORAL LD50:** > 2000 mg/kg

**INHALATION LC50:** > 20 mg/L

**SKIN CORROSION/IRRITATION:**

Drying of skin.

**SERIOUS EYE DAMAGE/EYE IRRITATION:**

Eye damage/irritation.

**REPRODUCTIVE TOXICITY:**

May impair fertility. May cause harm to the unborn child.

**SPECIFIC TARGET ORGAN TOXICITY:**

Eyes, respiratory system, skin and central nervous system.

**12. Ecological Information****ENVIRONMENTAL DATA:**

This material has not been tested for acute environmental effects.

**BIOACCUMULATIVE/ACCUMULATION:**

No evidence to suggest bioaccumulation will occur.

**13. Disposal Consideration**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**14. Transportation Information**

**DOT:** UN Number: UN1993

**UN Proper Shipping Name:** Flammable Liquid, N.O.S.

**Technical name:** (Contains; Isopropanol Alcohol)

**Transport Hazard Class(es):**

**Class:** 3

**Subsidiary risk:** -

**Packing Group:** III

**OTHER SHIPPING INFORMATION:**

All products offered for domestic ground transportation that meet the following Exceptions for Class 3 (flammable liquids) will be packaged and shipped as "Limited Qty".

(1) For Flammable Liquid in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For Flammable Liquid in Packing Group III, inner packagings not over 5.0 L (1.3 gallon) net capacity each, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

**15. Regulatory Information****SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA Title III):****Hazard categories:**

Acute – Yes.

Chronic – No.

Fire Hazard – Yes.

Pressure Hazard – No.

Reactivity Hazard – No.

**313 REPORTABLE INGREDIENTS:**

**Isopropanol CAS No 67-63-0:** Only if manufactured by the strong acid process, no supplier notification.

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	CAS	WT %
2-propanol	67-63-0	<30

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Propylene Glycol Monomethyl Ether	107-98-2
2-propanol	67-63-0
2-methoxypropanol	1589-47-5

**TSCA STATUS:**

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**US STATE REGULATIONS:**

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

**16. Other Information****DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.