

ProCast™ 990C

SECTION 1. IDENTIFICATION

Product Identifier	ProCast™ 990C
Recommended Use	Release Agent.
Restrictions on Use	For industrial use only
Manufacturer	ACM Chemistries, Inc., P.O. Box 920430, Norcross, GA, 30010, (770) 417-3490
Other Contact Information	ACM Chemistries, Inc., P.O. Box 920430, Norcross, GA, 30010, (770) 417-3490
Emergency Phone No.	CHEMTREC, (800)-424-9300, 24 hours
SDS Number	017-002
Date of Preparation	July 14, 2023

SECTION 2. HAZARD IDENTIFICATION**GHS Classification**

Serious eye damage/eye irritation - Category 1

GHS Label Elements**DANGER**

H318	Causes serious eye damage.
Prevention:	
P280	Wear protective gloves and eye protection.
P264	Wash hands and skin thoroughly after handling.
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.
P310	Immediately get medical attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
Storage:	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
Disposal:	
P501	Dispose of contents in accordance with local regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixture:**

Chemical Name	CAS No.	%	Other Identifiers
Polyethylene glycol trimethylnonyl ether, liquids	60828-78-6	4.0-8.0	-
2-bromo-2-nitropropane-1,3-diol	52-51-7	0.016 – 0.018	Bronopol
5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	0.002 – 0.0025	CMIT/MIT

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation occurs get medical advice/attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Immediately call a Poison Centre or doctor. Do not induce vomiting.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Specific Hazards Arising from the Chemical

Silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds.

Special Protective Equipment and Precautions for Fire-fighters

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

Large spills or leaks: dike spilled product to prevent runoff. Remove or recover liquid using pumps or vacuum equipment. Review Section 13 (Disposal Considerations) of this safety data sheet.

Other Information

Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Prevent skin contact.

Do not get in eyes.

Avoid breathing in product.

Only use where there is adequate ventilation.

Wear personal protective equipment to avoid direct contact with this chemical.

Keep containers tightly closed when not in use or empty.

General hygiene considerations:

Do NOT eat, drink or store food in work areas. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area.

Conditions for Safe Storage

Store in a well-ventilated place. Keep container tightly closed. Protect from freezing. Protect from sunlight.

SECTION 8. HANDLING AND STORAGE

ACGIH, OSHA, and NIOSH have not developed exposure limits for this product's components.

Appropriate Engineering Controls

Use local exhaust ventilation if general ventilation is not adequate to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear impervious rubber gloves to prevent prolonged or repeated contact. Suitable materials are: nitrile rubber, natural rubber, butyl rubber.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Opaque white liquid
Odor	Mild
Odor Threshold	Not available
pH	7.0 – 8.0
Melting Point/Freezing Point	Not applicable (melting)
Initial Boiling Point/Range	> 100°C (212°F)
Flash Point	> 200°C (392°F) (closed cup)
Flammability (solid, gas)	Not applicable (liquid)
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapor Pressure	Not available
Vapor Density (air = 1)	Not available
Relative Density (water = 1)	0.97
Viscosity	50 -500 cP at 25°C (dynamic)

Other Information

Physical State	Liquid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not available
Critical Temperature	Not available
Surface Tension	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Freezing. Contamination.

Incompatible Materials

Strong oxidizing materials can cause a reaction.

Hazardous Decomposition Products

In a fire, the following hazardous materials may be generated: carbon oxides, silicon oxides, formaldehyde, and traces of incompletely burned carbon compounds.

SECTION 11. TOXOLOGICAL INFORMATION**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Polyethylene glycol trimethylnonyl ether, liquids	3300 mg/kg (rat)	-	8874 mg/kg (rabbit)

Skin Corrosion/Irritation

Direct contact may cause temporary redness and discomfort.

Serious Eye Damage/Irritation

May cause serious eye damage based on information for closely related materials.

STOT (Specific Target Organ Toxicity) – Single Exposure

No known information was located.

Inhalation

Excessive inhalation may cause respiratory irritation.

Skin Absorption

May cause skin irritation.

Ingestion

Repeated ingestion or swallowing large amounts may injure internally.

Asphyxiation Hazard

No information was located.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

No information was located.

Reproductive Toxicity**Development of Offspring**

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

In high concentrations, this product may be harmful to both terrestrial and aquatic plant life.

Toxicity

No information was located.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Polyethylene glycol trimethylnonyl ether, liquids	10-100 mg/L	-	-	-

Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent.

Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

Mobility in Soil

No information was located.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Environmental Hazards Not applicable

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health, and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

USA**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Additional USA Regulatory Lists

SARA Title III - Section 302: No

SARA Title III - Section 313: Form R reporting required for 1.0% de minimis concentration

SARA Title III - Section 311/312: Immediate (Acute) Health Hazard

SECTION 16. OTHER INFORMATION

Revision Indicators SDS Prepared by G. Martin; Date of Preparation: July 14, 2023

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