

AV-203 Multicat™

SECTION 1. IDENTIFICATION

Product Identifier	AV-203 Multicat™
Other Means of Identification	Catalyst for hydrophilic grout
Recommended Use	Industrial Use Only.
Restrictions on Use	Not applicable.
Manufacturer/Supplier	Avanti International, 822 Bay Star Blvd, Webster, TX, 77598, USA, 281.486.5600, avantigrout.com
Emergency Phone No.	ChemTrec 800.424.9300
Date of Preparation	November 5, 2024
Date of Last Revision	February 7, 2025

SECTION 2. HAZARD IDENTIFICATION

Classified according to the US Hazard Communication Standard (HCS 2012) and Canada's Hazardous Products Regulations (WHMIS 2015).

Classification: Skin corrosion - Category 1; Serious eye damage - Category 1; Respiratory sensitization - Category 1A; Skin sensitization - Category 1; Specific target organ toxicity (single exposure) - Category 3; Aquatic hazard (Acute) - Category 1

Label Elements

Hazard pictogram:



Signal word:	Warning
Hazard statements:	H317 May cause an allergic skin reaction. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.

Precautionary Statements

General:	
Prevention:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing must not be allowed out of the workplace. P284 In case of inadequate ventilation wear respiratory protection. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response:	P302 + P352 IF ON SKIN: Wash with plenty of water and soap P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE or doctor if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical advice or attention. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor. P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:	P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
Disposal:	P501	Dispose of contents and container in accordance with local, regional, national and international regulations.
Other hazards:		Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Amines, coco alkyl	61788-46-3	50	Amine, Coco alkyl
1,2-Cyclohexanedicarboxylic acid, dinonyl ester, branched and linear	474919-59-0	25	1,2- cyclohexandicarboxylic acid, dinonyl ester
Alcohols, C12-14, ethoxylated propoxylated, liquids	68439-51-0	25	alcohols, ethoxylated and propoxylated

Occupational exposure limits, if available, are listed in section 8.

SECTION 4. FIRST AID MEASURES

First Aid Measures

General advice:	Get medical advice or attention if you feel unwell or are concerned.
Eye contact:	Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.
Skin contact:	Rinse with lukewarm, gently flowing water for 5 minutes. If skin irritation or a rash occurs, get medical advice or attention.
Inhalation:	Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.
Ingestion:	Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled and/or swallowed: can irritate the nose and throat. Respiratory sensitizer. May cause asthma or an asthma-like reaction in some people. Symptoms include pain, redness, and swelling.

Immediate Medical Attention and Special Treatment

Target Organs	Respiratory system, skin.
Special Instructions	Not applicable.
Medical Conditions	Asthma, dermatitis, respiratory conditions.
Aggravated by Exposure	

Immediate Medical Attention and Special Treatment

Notes to physicians:	Not applicable.
Specific treatments	Not applicable.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable:	Use water to keep non-leaking, fire-exposed containers cool.
Unsuitable:	None known.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents. Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

Special Protective Equipment and Precautions for Firefighters

Approach fire from upwind to avoid hazardous vapours or gases. Do NOT apply water directly to spill. 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

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental precautions: Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent releases into the environment. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Small spills: 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. Cover the spill surface with the appropriate type of foam to reduce the release of vapour. Place used absorbent into suitable, covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product.

Large spills: Large spills or leaks: dike spilled product to prevent runoff. Knock down vapour with fog or fine water spray. Remove or recover liquid using pumps or vacuum equipment. Get expert advice before treating the spilled product with other chemicals to make it less hazardous. Store recovered product in suitable containers that are: contact emergency services and manufacturer/supplier for advice.

Other Information

Contact supplier, local fire and emergency services for help. Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Obtain special instructions before use. Do not breathe in this product. Prevent all skin contact. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Avoid generating vapours or mists. Prevent uncontrolled release of product. Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system). Avoid heating that will increase the amount of vapours. Wear personal protective equipment to avoid direct contact with this chemical. Avoid repeated or prolonged skin contact with product or with contaminated equipment/surfaces. For large-scale use: isolate and purge all equipment, piping or vessels prior to maintenance or repairs. General hygiene considerations: it is good practice to avoid breathing product; avoid skin and eye contact and wash hands after handling. 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. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. Properly dispose of any contaminated items, including shoes, that cannot be decontaminated. DO NOT re-use.

Conditions for safe storage:

Store in an area that is: cool, well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity).

Incompatible materials:

Not applicable.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Recommended monitoring procedures: Not available.

Appropriate engineering controls:	Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide safety shower in work area, if contact or splash hazard exists.
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Individual Protection Measures

Eyes/face protection:	Wear chemical safety goggles.
Skin/hand/body protection:	Wear chemical protective clothing e.g. gloves, aprons, boots. Wear a chemical splash suit and respiratory protection. Suitable materials are: Chemical Resistant Gloves: nitrile rubber, Viton®/butyl rubber. Chemical Resistant Suit: Barrier® (PE/PA/PE), Saranex®.
Respiratory protection:	Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge. Either full-face piece or half-face piece with splash goggles.
Other protective equipment:	Not available.
General hygiene considerations:	Get medical advice or attention if you feel unwell or are concerned.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	Pungent
Odor threshold:	Not available
pH:	Not available
Melting/freezing point:	Not available (melting); Not available (freezing)
Initial boiling point and boiling range:	180°F (82°C)
Flash point:	350°F (177°C)
Flash point method:	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits:	12.7% (upper); 2% (lower)
Vapor pressure:	Not available
Vapor density (air=1):	Not available
Relative density (water=1):	0.9256
Solubility:	Not available in water; Not available (in other liquids)
Partition coefficient n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	None known.
Chemical stability:	Normally stable.

Possibility of hazardous reactions:	None known.
Conditions to avoid:	Sunlight. High temperatures. Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.
Incompatible materials:	Strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid), oxidizing agents (e.g. peroxides). Corrosive to copper, copper alloys (e.g. brass and/or bronze).
Hazardous decomposition products:	Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation; skin contact; skin absorption; eye contact.

Potential Chronic Health Effects

Effect of repeated exposure: May cause irritation of the respiratory system. Respiratory tract injury has been observed.

Interactive effects: No information was located.

Other information:

Product Name	LC50	LD50 (oral)	LD50 (dermal)
Amines, coco alkyl		740 mg/kg (rat)	

Skin corrosion or irritation: May cause moderate or severe irritation based on information for closely related materials.

Serious eye damage or irritation: May cause serious eye irritation based on information for closely related materials.

Respiratory and/or skin sensitization: Skin sensitizer. Respiratory sensitizer.

Germ cell mutation: 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.

Aspiration hazard: No information was located.

Specific Target Organ Toxicity

Single exposure: Inhalation: No information was located.
Skin Absorption: No information was located.
Ingestion: No information was located

Repeated exposure: May cause irritation of the respiratory system. Respiratory tract injury has been observed

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Data

Very toxic to aquatic life, based on quantitative structure-activity relationships. based on acute toxicity tests. LC50 Fish 0.1-1 mg/L Zebra Fish 0.1-1 mg/L (semi-static)

Toxicity – Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Amines, coco alkyl	0.1-1 mg/L (96-hour; semi-static)			

Persistence and degradability:	No ingredient of this product or its degradation products is known to be highly persistent.
Bioaccumulative potential:	Fish Bioconcentration Factor: 310 this product or its degradation products have the potential to bioaccumulate based on the fish bioconcentration factor (BCF).
Mobility in soil:	If released into the environment, this product is not expected to move through the soil, based on physical and chemical properties.
Other adverse effects:	There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose of contents and container in accordance with local, regional, national and international regulations. Empty containers retain product residue. Follow label warnings even if container appears to be empty. Do not reuse empty containers. Dispose of or recycle empty containers through an approved waste management facility.
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Consult your local or regional authorities.

Refer to Section 7 for handling precautions and to Section 8 for information on personal protective equipment.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information

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

Environmental Hazards Marine Pollutant

Special Precautions Not applicable

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

Not applicable

Other Information None available

SECTION 15. REGULATORY INFORMATION

United States

TSCA 8(B) inventory: Listed on the TSCA Inventory.

California Proposition 65

Warning!

This product contains chemicals known to the state of California to cause cancer, at concentration lower 0.1%. This product contains up to 0.5% of a chemical known to the state of California to cause birth defect or other reproductive harm.

Canada

CEPA DSL: Listed on the DSL.

SECTION 16. OTHER INFORMATION

NFPA Rating:	Health - 2	Flammability - 1	Instability - 1
SDS Prepared By:	Avanti International		
Date of Preparation:	November 5, 2024		
Date of Last Revision:	February 7, 2025		
Revision Indicators:			

Key to Abbreviations:	ACGIH®	American Conference of Governmental Industrial Hygienists
	AIHA®	AIHA® Guideline Foundation
	IARC	International Agency for Research on Cancer
	NFPA	National Fire Protection Association
	NTP	National Toxicology Program
	NIOSH	National Institute for Occupational Safety and Health
	OSHA	US Occupational Safety and Health Administration
	RTECS®	Registry of Toxic Effects of Chemical Substances

References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).