

SAFETY DATA SHEET

Grease Trap Cleaner and Maintainer

43020, 43021, 43022



Armstrong Manufacturing Inc.

1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Grease and Waste Drain Maintainer

Company Identification:

Armstrong Manufacturing Inc.
2485 Haines Road
Mississauga, ON
L4Y 1Y7

Company Emergency Telephone Number(s):

Emergency Phone: 866-627-6588

Transportation Emergency Telephone Number(s):

CANUTEC 613-996-6666 or *666 for cell phone

2 HAZARD IDENTIFICATION

GHS Hazards: Serious eye damage/eye irritation Category 2A H319
Skin corrosion/irritation Category 3 H316

Hazard Pictograms :



GHS Label Elements, Including Precautionary Statement

Signal Word: Warning

Hazard Statements: Causes serious eye irritation. Causes mild skin irritation.

Precautionary Statements: Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SKIN irritation occurs: Get medical advice/attention. IF eye irritation persists: Get medical advice/attention.

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COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
Bacterial Spore Concentrate	none	Not Hazardous	3-7
Alcohols, C12-15, Ethoxylated	68131-39-5	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 1 H318	1-5

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FIRST AID MEASURES

Inhalation: Inhalation should not pose a serious health threat. If condition does occur, contact physician immediately.

Eye Contact: Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of warm water and soap. If irritation persists, seek medical attention.

Ingestion: DO NOT induce vomiting. Rinse mouth with water, then drink one glass of water. Seek medical attention. Never give anything by mouth if victim is unconscious or convulsing.

Most Important Symptoms and Effects: no available data

Notes to Physician: Treatment based on judgment of attending physician.

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FIRE FIGHTING MEASURES

Suitable extinguishing media: As appropriate for burning of surrounding products

Unsuitable extinguishing media: None known

Special exposure hazards: No data available

Special safety equipment: not applicable

Fire and explosion: Not considered to be a fire or explosive hazard

Further information: None



6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Wear suitable personal protective equipment. Do not get in eyes, on skin or clothing.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Stop leak if safe to do so.

Methods for Cleaning Up: Recover and reuse as much of the product as possible.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes. Wear proper protective equipment

Information about fire and explosion protection: No special measures required.

Requirements to be met by storerooms and receptacles: Keep container closed in a dry and well-ventilated place. Store in a cool and dry location.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

Specific end use: No further relevant information available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Normally not required. Mechanical ventilation should be adequate.

Hand protection: Not normally required. Use impervious gloves in case of sensitive skin.



Eye protection:	Safety glasses, or goggles if required by employer.
Skin protection:	As required by workplace standards.
Working hygiene:	Handle in accordance with good industrial hygiene and safety practices.
Exposure Guidelines:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	opaque orange liquid
Molecular Weight:	No Data Available
Odour:	slight citrus odour
Odour Threshold:	No Data Available
pH:	6.5-8.0
Melting Point:	No Data Available
Boiling Point:	No Data Available
Flash Point:	No Data Available
Evaporation Rate (BuAc=1):	No Data Available
Flammable Limits in Air:	No Data Available
Upper Flammability Limit:	No Data Available
Lower Flammability Limit:	No Data Available
Vapour Density (Air=1):	No Data Available
Vapour Pressure:	No Data Available
Specific Gravity:	0.99-1.00
Solubility in Water:	Soluble in water
Log Pow (calculated):	No Data Available
Autoignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Viscosity:	As Water
Solubility in other Solvents:	No Data Available
Partition Coefficient: n-octanol / Water:	No Data Available
Kinematic Viscosity:	No Data Available
Dynamic Viscosity:	No Data Available
Explosive Properties:	No Data Available
Percent Volatile by Volume:	No Data Available

10 STABILITY AND REACTIVITY

Reactivity:	Normally stable.
Chemical stability:	Stable under recommended storage conditions
Thermal decomposition conditions to avoid:	not known
Possibility of hazardous reactions:	not known
Conditions to avoid:	contact with strong oxidizers and strong acids.



Hazardous decomposition products: Oxides of Carbon

Materials to avoid: Avoid contact with strong oxidizers and strong acids.

Hazardous polymerization: Will not occur

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TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: see below

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Symptoms: No data available

Sensitization: Skin irritation may occur among hypersensitive individuals following repeated contact.

Mutagenic Effects: No data available

Carcinogenicity: No ingredient listed by IARC, ACGIH, NTP, and OSHA as carcinogens.

Reproductive Toxicity: No data available

STOT single exposure: No data available

STOT repeated exposure: No data available

Chronic Toxicity: No data available

Target Organ Effects: No data available

Aspiration hazard: No data available

Listed Ingredients:

Alcohols, C12-15, Ethoxylated

LD 50 (dermal) >2000mg/kg rabbit
LD 50 (oral) >3200 mg/kg rat

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ECOLOGICAL INFORMATION

Toxicity: No data available for product.

Persistence and Degradability: No Data Available

Bioaccumulative Potential: No Data Available

Mobility in Soil: No Data Available



Other Information:	No Data Available
Aquatic Toxicity:	No Data Available
Toxicity to algae, fish, invertebrates:	No Data Available
Biodegradation:	Surfactants are readily biodegradable under OECD 301 D

13 DISPOSAL

Waste Disposal Recommendations:	Dispose of waste material in accordance with all local, regional, national, and international regulations.
Ecology – Waste Materials:	Avoid release to the environment.
Empty Containers:	Reuse if possible or triple rinse and dispose according to local, provincial, state and federal regulations

14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Not Regulated				

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

15 REGULATION

OSHA/WHMIS 2015 Classification:	Eye and Skin Irritant
California PROP 65:	no ingredients listed
Cdn Domestic Substance List (DSL):	All Ingredients Listed

HMIS III Rating

Health:
Flammability:
Physical:
Personal Protection:

Prepared by:

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Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the 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 hazards that exist.

End of Safety Data Sheet