



SAFETY DATA SHEET

Product: **MARC 273 GLOSS MASTER**

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 273 GLOSS MASTER**

SDS DATE: 01/04/2019

SUPPLIER: Mid-American Research Chemical Corp. ADDRESS: P. O. Box 927 Columbus, NE 68602-0927
PHONE: 402-564-7104 FAX: 403-563-1290
EMERGENCY PHONE: InfoTrac 1-800-535-5053
E-MAIL: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Floor Cleaner and Polisher.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Serious eye damage/eye irritation, skin irritation, categories 2A,2.

SIGNAL WORD AND HAZARD AND PRECAUTIONARY STATEMENTS - WARNING: May be harmful or fatal if swallowed and enters airways. Causes skin and serious eye irritation. May cause allergic skin reaction. Avoid breathing mist or vapors. Do not take internally. Wear protective gloves and eye protection. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. **IF SWALLOWED:** Immediately call a Poison Center or doctor/physician. Do NOT induce vomiting. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse. Store locked up in original container in a cool, well-ventilated place. Dispose of in accordance with local, state and national regulations. **KEEP OUT OF REACH OF CHILDREN!**



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	% Wt.	CAS Number	TLV
Detergent Blend	0.2 - 2	Proprietary mixture	N/A
Isopropanol	2 - 4	67-63-0	200 ppm
Nonylphenol Ethoxylate	3 - 7	9016-45-9	Not est.
Pine Oil	3 - 5	8002-09/8000-41-7	" "

The chemical identity and exact percentage of the composition has been withheld as it is a trade secret.

SECTION 4: FIRST AID MEASURES

EYES: Rinse cautiously with water for several minutes occasionally lifting the upper and lower eyelids. Check for and remove contact lenses, if present and easy to do. Continue rinsing for at least 20 minutes. Get medical attention.

SKIN: Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Take off contaminated clothing and wash before reuse. Clean shoes thoroughly before reuse.

INGESTION: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. **DO NOT INDUCE VOMITING** unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to and unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Most Important Symptoms/Effects, Acute and Delayed Potential Acute Health Effects

Eye Contact: Causes eye irritation.

Inhalation: No known significant effects or critical hazards.



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Skin Contact: Causes skin irritation.
Ingestion: May be irritating to mouth, throat and stomach.

Over Exposure Signs/Symptoms:

Eye Contact: Adverse symptoms may include the following: Irritation, Watering, Redness.
Inhalation: No known significant effects or critical hazards.
Skin Contact: Irritation.
Ingestion: No known significant effects or critical hazards.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:

Notes To Physicians: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific Treatments: No specific treatment.
Protection of First Aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Suitable extinguishing

Media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

Media: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: No specific fire or explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include the following materials: Carbon dioxide, carbon monoxide, nitrogen oxides and hydrochloric acid.

Special protective actions

For firefighters: No special measures are required.

Special protective equipment

For fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

EMERGENCY PROCEDURES: **For non-emergency Personnel:** No action shall be taken involving any personal risk for without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation
Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information above "For non –emergency personnel".

PROTECTIVE EQUIPMENT: Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: SPILL: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, 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.

ENVIRONMENTAL PRECAUTIONS: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

GENERAL HANDLING: **Protective Measures:** Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container. Keep tightly closed when not in use. Do not reuse container.

PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN! Do not take internally! Wear eye and face protection. Wash hands thoroughly after handling.**



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STORAGE: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (See Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	% Wt.	CAS Number	TLV
Detergent Blend	0.2 - 2	Proprietary mixture	N/A
Isopropanol	2 - 4	67-63-0	200 ppm
Nonylphenol Ethoxylate	3 - 7	9016-45-9	Not est.
Pine Oil	3 - 5	8002-09/8000-41-7	" "

The chemical identity and exact percentage of the composition has been withheld as it is a trade secret.

Control Parameters Occupational Exposure Limits:

None

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental Exposure **Controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

VENTILATION: None when used as directed.

RESPIRATORY PROTECTION: Not generally required.

EYE/FACE PROTECTION: Safety eyewear should be used.

SKIN PROTECTION/PROTECTIVE GLOVES: Chemical-resistant, impervious gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Personal protective equipment for the body, including appropriate footwear and any additional skin protection measures, should be selected based on the task being performed and the risks involved.

WORK HYGIENIC PRACTICES: 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-

PHYSICAL STATE:

Liquid

COLOR:

Light yellow.

ODOR:

Pine

ODOR THRESHOLD:

Not available.

pH:

7

MELTING/FREEZING POINT:

32°F (0°C)

BOILING POINT/RANGE:

212°F (100°C)

FLASH POINT/METHOD USED:

None.

EVAPORATION RATE:

>1 (Butyl acetate = 1)

FLAMMABILITY (solid, gas):

Not available.

FLAMMABILITY LIMITS:

Lower and Upper Explosive: Not available.

VAPOR PRESSURE (mmHg):

Not available.

VAPOR DENSITY (AIR = 1):

>1 [Air = 1]

RELATIVE DENSITY:

1.0

SPECIFIC GRAVITY (H₂O = 1):

1.0

SOLUBILITY IN WATER:

Easily soluble in the following materials: water

PARTITION COEFFICIENT,

n-OCTANOL/WATER:

Not available

AUTO-IGNITION TEMPERATURE:

Not available

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None.

STABILITY: This product is stable.



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CONDITIONS TO AVOID: None.
INCOMPATIBILITY (MATERIAL TO AVOID): Reactive or incompatible with the following materials: oxidizing materials.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
HAZARDOUS POLYMERIZATION: Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Detergent Blend:
Acute oral toxicity LD50 (rat) > 5,000 mg/kg
Acute dermal toxicity LD50 (rabbit) >5,000 mg/kg

Isopropanol:
Acute oral toxicity > 5,000 mg/kg
Acute inhalation toxicity > 40 mg/l, Exposure time: 4 hours
Acute dermal toxicity >5,000 mg/kg

Nonylphenol Ethoxylate:
Acute oral toxicity LD50 (rat)= 3,989 - 5,000 mg/kg
Acute dermal toxicity LD50 (rabbit) = 3,228 - 5,000 mg/kg

Pine Oil:
Acute oral toxicity LD50 (rat)= 3,200 mg/kg
Acute dermal toxicity LD50 (rabbit) = 5,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Detergent Blend: LC50 (fish) >10-100 mg/l
Isopropanol: LC50 (fish) > 100 mg/l
Nonylphenol Ethoxylate: LC50 (fish) = 1 – 10 mg/l

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and national regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

CONTAINER SIZES(S): Pails
PROPER SHIPPING NAME: COMPOUND, CLEANING LIQUID
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: **United States Inventory (TSCA):** All components are listed or exempted.
TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A
SARA 311/312: N/A
313 REPORTABLE INGREDIENTS: N/A

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 0, Flammability = 0, Reactivity = 0.

REVISION DATE: 01/04/2019
N/A = Not Applicable, N/D = Not Determined, N/E = Not Established

DISCLAIMER: While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.