



SAFETY DATA SHEET

Product: MARC 318 WASH 'N' WAX

R04132

Form

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 318 WASH 'N' WAX**

SDS DATE: 01/11/2019

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

RECOMMENDED USE: Vehicle wash and wax.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: EYE DAMAGE/IRRITATION: Serious Eye Damage/Eye Irritation. **AQUATIC:** Hazardous to the aquatic environment – acute.

SIGNAL WORD AND HAZARD AND PRECAUTIONARY STATEMENTS-- DANGER: Causes serious eye damage. Causes serious eye damage. Do not contact eyes. May cause skin irritation. Avoid contact with skin and clothing. Wear safety glasses and rubber gloves. May be harmful if swallowed. Do not take internally. Do not inhale mist. Harmful to aquatic life. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or physician. **IF ON SKIN:** Wash off thoroughly with water. **IF SWALLOWED:** Call a physician immediately. **IF INHALED:** Get fresh air. Dispose of in accordance with federal, state and local regulations. **KEEP OUT OF REACH OF CHILDREN!**



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Specific percentages may be claimed as a trade secret.

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>WT. %</u>
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	110615-47-9	1 – 5%
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	2 – 6%
Isopropanol	67-63-0	1 – 4%

SECTION 4: FIRST AID MEASURES

SYMPTOMS: The most important known symptoms and effects are described in the labeling (see Section 2) and/or section 11. Further important symptoms and effects are so far not known. Causes serious eye damage/ irritation. Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

EYES: Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Immediately call a eye physician/doctor for treatment advice.

SKIN: Remove contaminated clothing. Immediately wash thoroughly with plenty of water. Get medical attention if irritation persists.

INGESTION: Immediately rinse mouth and then drink one glass of water.

INHALATION: Move person to fresh air and monitor. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat according to symptoms (decontamination, vital functions), no know specific antidote.

MEDICAL CONDITIONS AGGRAVATED: N/A

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, dry powder, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If exposed to fire, keep containers cool by spraying with water. Contaminated extinguishing water must be disposed of in accordance with official regulations.



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HAZARDOUS DECOMPOSITION PRODUCTS: Unburned hydrocarbons, carbon oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: High risk of slipping due to leakage/spillage of product.
SMALL SPILLS: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.
LARGE SPILLS: Pump off product. Spills should be contained, solidified, and placed in suitable containers for disposal.

ENVIRONMENTAL PRECAUTIONS: Do not discharge into drains/surface waters/groundwater.

PROTECTIVE EQUIPMENT: Use personal protective clothing/devices. For information regarding personal protective measures, see Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Same as EMERGENCY PROCEDURES. Dispose of in compliance with all federal, state and local laws and regulations.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING: No special measures necessary provided product is used correctly. No special precautions necessary for protection against fire and explosion.

OTHER PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!**

STORAGE: Keep container tightly closed in original container in a cool place. Suitable materials for containers: polyethylene (PE). High density polyethylene (HDPE).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Specific percentages may be claimed as a trade secret.

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Isopropanol	67-63-0	1 – 4%

ENGINEERING CONTROLS/VENTILATION: Local exhaust ventilation preferred.

RESPIRATORY PROTECTION: Not generally needed.

EYES PROTECTION: Tightly fitting safety goggles (chemical goggles).

SKIN PROTECTION/PROTECTIVE GLOVES: Chemical resistant protective gloves.

OTHER PROTECTIVE CLOTHING: Not generally needed. Wear protective clothing as necessary to minimize contact.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-PHYSICAL STATE: Liquid
COLOR: Light yellow.
ODOR: Product specific.
ODOR THRESHOLD: N/A
pH: 7 - 8
MELTING POINT: N/A
FREEZING POINT: N/A
BOILING POINT: N/A
FLASH POINT/METHOD USED: >100°C
EVAPORATION RATE: Similar to water.
FLAMMABILITY (solid, gas): Not Applicable.
FLAMMABILITY LIMITS: No data available.



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VAPOR PRESSURE (mmHg): <0.1 hPa
DENSITY: approx.. 1.01 g/cm³
SPECIFIC GRAVITY (H₂O = 1):
PARTITIONING COEFFICIENT
N-OCTANOL/WATER (log Pow): Not applicable.
THERMAL DECOMPOSITION: >350°C
SELF-IGNITION TEMPERATURE: Not self-igniting
SOLUBILITY IN WATER: Complete.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No hazardous reactions if stored and handled as prescribed/indicated.

STABILITY: Stable.

CONDITIONS TO AVOID: Suitable materials for containers: polyethylene (PE), High density polyethylene (HDPE).
(See Section 7 – Handling and Storage).

INCOMPATIBILITY (MATERIAL TO AVOID): Acids, alkalines, caustics, halogens, oxidizing agents, reactive chemicals.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No hazardous decomposition products if stored and handled as prescribed/indicated.

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID (POLYMERIZATION): NA

SECTION 11: TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF EXPOSURE: Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

PRIMARY ROUTES OF ENTRY: Dermal contact.

ACUTE TOXICITY/EFFECTS: d-glucopyranose alkyl glycosides

ACUTE TOXICITY

Assessment of acute toxicity: May be harmful if swallowed in large quantities. No data available. Virtually nontoxic after a single ingestion.

ORAL

Type of value: LD50

Species: rat

Value: >5.000 g/kg

INHALATION

Type of value: ATE

Value: > 20 mg/l

Determined for vapor.

Type of value: ATE

Value: > 5 mg/l

Determined for mist.

DERMAL

Type of value: LD50

Species: rabbit

Value: >5.000 mg/kg

IRRITATION / CORROSION

Assessment of irritating effects: Causes skin irritation. Causes serious eye damage.

SKIN

Species: rabbit

Result: Slightly irritating.

Method: Draize test



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EYE

Species: rabbit
Result: Severely irritating.
Method: Draize test

CHRONIC TOXICITY/EFFECTS

REPEATED DOSE TOXICITY

Assessment of repeated dose toxicity: None known

GENETIC TOXICITY

Genetic toxicity in vitro: negative
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

OTHER INFORMATION

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SYMPTOMS OF EXPOSURE

The most important symptoms and effects are described in the labeling (see section 2) and/or section 11. Further important symptoms and effects are so far not known.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

Aquatic toxicity:

Assessment of aquatic toxicity

The product has not been tested. The statement has been derived from the properties of d-glucopyranose alkyl glycosides.

Toxicity to fish

LC50 > 10 – 100 mg/l

Aquatic invertebrates

EC50 (48 h) 10 – 100 mg/l, Daphnia magna

Aquatic plants

EC50 (72 h) 10 – 100 mg/l (growth rate), Desmodium subspicatum

Chronic toxicity to fish

No observed effect concentration (28 d) > 1 mg/l, Brachydanio rerio (Flow through.)

Chronic toxicity to aquatic invertebrates

No observed effect concentration (21 d) > 1 mg/l, Daphnia magna

MICROORGANISMS/EFFECT ON ACTIVATED SLUDGE

Toxicity to microorganisms

EC0: > 100 mg/l

PERSISTENCE AND DEGRADABILITY

Assessment biodegradation and elimination (H2O)

Readily biodegradable (according to OECD criteria) .

Assessment photodegradation

After evaporation or exposure to the air, the product will be rapidly degraded by photochemical processes.

BIO-ACCUMULATIVE POTENTIAL

Assessment bioaccumulation potential

Significant accumulation in organisms is not to be expected.

MOBILITY IN SOIL

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface. Absorption to solid soil phase is not expected. Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.



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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Must be disposed of or incinerated in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

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

CONTAINER SIZE(S): BULK, GALLONS
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

Registration status:

Chemical DSL, CA released / listed

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

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIAL OF THE CPR AND THE SDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1
Flammability = 0
Reactivity = 0
Other = -
Protection = -

REVISION DATE: 01/11/2019

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.