



SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: NIT1074, NIT1075, NIT1076, NIT1077
Product Name: Nitro Bike Wash
Revision Date: 31-Aug-21 **Supersedes Date:** 11-Dec-15
Version: 3
Distributor's Name: NitroLubricants, USA
Address: PO Box 204
Forest Lake, MN 55025
Emergency Phone: 800-535-5053
Information Phone: 855-587-7515
Product Recommended Use: Cleaner/Degreaser

SECTION 2: HAZARDS IDENTIFICATION

Classification:

Skin Irritation - Category 3

Eye Irritation - Category 2

Pictograms:



Signal Word:

Warning

Hazardous Statements - Health:

H319 - Causes serious eye irritation

H316 - Causes mild skin irritation

Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention:

P264 - Wash thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Responsive:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - IF EYE IRRITATION PERSISTS: Get medical advice/attention.

P332 + P313 - IF SKIN IRRITATION OCCURS: Get medical advice/attention.

Precautionary Statements - Storage:

No precautionary statement available.

Precautionary Statements - Disposal:

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Chemical Name	% by Weight
0007732-18-5	Water	67% - 85%
0000064-02-8	EDTA Tetrasodium Salt	3% - 7%
0006834-92-0	Sodium Metasilicate	2% - 6%

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or autoated external defibrillation (AED).

Eye Contact:

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do so. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritaiton persists: get medical advice/attention.

Skin Contact:

Take contaminated clothing off immediately. Rinse skin with water/shower for 5 minutes or until product is removed. Wash before re-use or discard.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protected exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Specific Hazards in Case of Fire:

None.

Fire-Fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions:

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

ELIMINATE all ignition sources (no smoking, flare, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

Neutralize retained product. Wash neutralized product to sewer with large amounts of water in accordance with all federal, state and local laws.

Dike area to prevent spreading of spilled material. Cover with an inert absorbent, shovel into appropriate containers and dispose of in accordance with federal, state and local regulations.

Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

SECTION 7: HANDLING AND STORAGE

General:

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.
Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all sparks. Static electricity may accumulate and create a fire hazard.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m ³)	OSHA STEL (ppm)	OSHA STEL (mg/m ³)	OSHA- Tables Z1,2,3	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA mg/m ³)
No applicable chemical	-	-	-	-	-	-	-	-	-
Chemical Name	NIOSH STEL (ppm)	NIOSH STEL (mg/m ³)	NIOSH Carcinogen	ACGIH TWA (ppm)	ACGIH TWA (mg/m ³)	ACGIH STEL (ppm)	ACGIH STEL (mg/m ³)		
No applicable chemical	-	-	-	-	-	-	-		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	8.9 lb/gal
% Solids by Weight	3.8274%
Denisty VOC	0.0 lb/gal
% VOC	0.00%
VOC Actual	0.0 lb/gal
VOC Actual	0%
Appearance	NA
Odor Threshold	NA
Odor Description	NA
pH	NA
Water Solubility	Complete
Flammability	Will not burn
Flash Point Symbol	NA
Flash Point	NA
Viscosity	NA
Lower Explosion Level	NA
Upper Explosion Level	NA
Vapor Pressure	NA
Melting Point	NA
Vapor Density	NA
Freezing Point	NA
Low Boiling Point	NA
High Boiling Point	NA
Decomposition Pt	0
Auto Ignition Temp	NA
Evaporation Rate	NA
VOC Composit Partial Pressure	NA

SECTION 10: STABILITY AND REACTIVITY

Stability:

The product is stable under normal storage conditions.

Conditions to Avoid:

None

Incompatible Materials

None known.

Hazardous Reactions/Polymerization:

Will not occur.

Hazardous Decomposition Products:

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation:

Concentrate may cause skin irritation, reddening, or dermatitis upon repeated contact.
Causes mild skin irritation.

Carcinogenicity:

No data available.

Germ Cell Mutagenicity:

No data available.

Reproductive Toxicity:

No data available.

Respiratory/Skin Sensitization:

No data available.

Specific Target Organ Toxicity - Single Exposure:

No data available.

Specific Target Organ Toxicity - Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

Acute Toxicity:

If swallowed, product may be irritating to the gastrointestinal system.
Concentrated vapors may cause throat and lung irritation.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and Degradability:

No data available.

Bio-Accumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Water Disposal:

Under RCRA, it is the responsibility of the user of the product, to determine a time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.
Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT Information:

Shipping Name: Compound, cleaning, N.O.I., Liquid

IMDG Information:

Shipping Name: Compound, cleaning, N.O.I., Liquid

IATA Information:

Shipping Name: Compound, cleaning, N.O.I., Liquid

SECTION 15: REGULATORY INFORMATION

CAS #	Chemical Name	% by Weight	Regulation List
0007732-18-5	Water	67% - 85%	TSCA
0000064-02-8	EDTA Tetrasodium Salt	3% - 7%	SARA312, TSCA
0006834-92-0	Sodium Metasilicate	2% - 6%	SARA312, TSCA

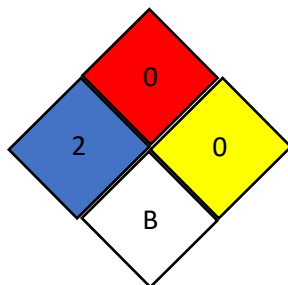
SECTION 16: OTHER INFORMATION

Glossary:

ACGIH - American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-to-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC-Lethal Concentration; LD-Lethal Dose; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL-Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA- Time-Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

KEEP AWAY FROM CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
FOR USE BY TRAINED PERSONNEL ONLY
KEEP CONTAINER CLOSED DURING STORAGE

HMIS



Chronic:

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