

Buff N Shine (Rev. 10/14/25)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Buff N Shine (Rev. 10/14/25)
SDS Number: F100E
Product Code: F100
Revision Date: 10/14/2025
Product Use: Floor Cleaner and Polish

Supplier Details: Wechem, Inc
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 Harahan, LA 70123

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Emergency Telephone Number:
 INFOTRAC
 1-800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral
 Health, Reproductive toxicity, 2
 Health, Specific target organ toxicity - Repeated exposure, 2
 Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H303 - May be harmful if swallowed
 H361 - Suspected of damaging the unborn child.
 H373 - May cause damage to kidneys through prolonged or repeated exposure (If Swallowed)
 H320 - Causes eye irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
 P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P280b - Wear protective gloves/eye protection/face protection.
 P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P308 + P313 - IF exposed or concerned: Get medical advice/attention.
 P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
 P337 - If eye irritation persists: Get medical advice/attention.
 P405 - Store locked up.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry:	Ingestion, eye, skin , inhalation
Target Organs:	Kidney, liver
Inhalation:	May cause respiratory tract irritation.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion:	May be harmful if swallowed.

3 COMPOSITION/INFORMATION ON INGREDIENTS**Chemical Ingredients**

CAS#	%	Chemical Name
111-77-3	0.25-1.25%	Diethylene glycol methyl ether
107-21-1	0.25%	Ethylene glycol

4 FIRST AID MEASURES

Inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
Skin Contact:	Wash with plenty of soap and water. If skin irritation occurs get medical attention. Take off contaminated clothing and wash it before reuse.
Eye Contact:	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.
Ingestion:	May be harmful if swallowed. Seek medical attention immediately.
WARNING: May be harmful if swallowed. May irritate eyes and skin.	

5 FIRE FIGHTING MEASURES

Flammability: Non Flammable
Suitable fire extinguishing media: Use water spray, fog or foam.

Specific hazards arising from the chemical: Containers may build pressure and rupture.

Hazardous thermal decomposition products: Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

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 a positive pressure mode.

Flash Point: None

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:
Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice. Store in a cool, dry area away

Storage Requirements:

from heat, sparks, flame, or any other sources of ignition. Do not get in eyes, on skin or on clothing. Keep out of reach of children. Store in a cool, dry area away from heat, sparks, flame, or any other sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.

Personal Protective Equipment:

Respiratory Protection: None required where adequate ventilation conditions exist and product is used in accordance with label directions.

Protective gloves: Chemical resistant, Nitrile rubber.

Eye protection: Safety glasses/goggles/face shield

Wear appropriate chemical resistant clothing.

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Diethylene glycol methyl ether cas#:(111-77-3) [0.25-1.25%]

ACGIH TLV 25ppm

OSHA PEL 25ppm

Ethylene glycol cas#:(107-21-1) [0.25%]

Components with workplace control parameters

See Appendix D - Substances with No Established RELs

C 50 ppm USA. OSHA - TABLE Z-1 Limits for
125 mg/m³ Air Contaminants - 1910.1000

C 100 mg/m³ USA. ACGIH Threshold Limit Values
(TLV)

Eye & Upper Respiratory Tract irritation

Not classifiable as a human carcinogen

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue/ Blue-Green Emulsion

Physical State: Liquid

Odor: Pleasant

Solubility: Complete in water

Spec Grav./Density: (H₂O=1): 1.0 +/- 0.1

Viscosity: Not available

Boiling Point: Not available

Freezing/Melting Pt.: Not available

Flash Point: None

Vapor Pressure: <= 20mmHg at 68F

Vapor Density: Not available

pH: 7-8

VOC: 0.13 wt% estimated

10 STABILITY AND REACTIVITY

Reactivity: Under normal conditions of storage and use, hazardous reactions will not occur.

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	High temperatures.
Materials to Avoid:	Strong oxidizing agents and strong acids.
Hazardous Decomposition:	Carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur

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TOXICOLOGICAL INFORMATION

Acute Toxicity:

Primary Route of Entry: Skin contact

Acute/Potential Health Effects:

EYES: May cause eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

Chronic / Long Term Effects: Diethylene glycol methyl ether has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney. Overexposure to Ethylene Glycol has been suggested as a cause of the following effects in humans: kidney and liver damage.

Target Organ Effects: Kidney, liver

Reproductive/Developmental Information: Diethylene Glycol Methyl Ether is suspected of damaging the unborn child.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Diethylene glycol methyl ether cas#:(111-77-3) [0.25-1.25%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - > 7,000 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - > 20,400 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Serious eye damage/eye irritation:

Eyes - rabbit - Mild eye irritation - 24 h

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Teratogenicity: Possible risk of congenital malformation in the fetus.

Suspected human reproductive toxicant

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Synergistic effects: no data available

Additional Information:

RTECS: KL6125000

Ethylene glycol cas#:(107-21-1) [0.25%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 4,700 mg/kg

Inhalation: no data available

LD50 Dermal - rabbit - 10,626 mg/kg

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is probably not carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Laboratory experiments have shown teratogenic effects.

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KW2975000

When ingested early symptoms mimic alcohol inebriation and are followed by nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemic tetany, and severe metabolic acidosis. Without treatment, death may occur in 8 to 24 hours. Victims who survive the initial toxicity period usually develop renal failure along with brain and liver damage., Exposure to and/or consumption of alcohol may increase toxic effects.

Central nervous system - Irregularities - Based on Human Evidence

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ECOLOGICAL INFORMATION

Ecotoxicity:

Diethylene glycol methyl ether cas#:(111-77-3) [0.25-1.25%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Lepomis macrochirus - 7,500 mg/l - 96 h.

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Ethylene glycol cas#:(107-21-1) [0.25%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 18,500 mg/l - 96 h.

LC50 - Leuciscus idus (Golden orfe) - > 10,000 mg/l - 48 h

NOEC - Pimephales promelas (fathead minnow) - 32,000 mg/l - 7 d

NOEC - Pimephales promelas (fathead minnow) - 39,140 mg/l - 96 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 74,000 mg/l - 24 h.

other aquatic invertebrates

NOEC - Daphnia - 24,000 mg/l - 48 h

LC50 - Daphnia magna (Water flea) - 41,000 mg/l - 48 h

Persistence and degradability: no data available

Ratio BOD/ThBOD 0.78 %

Bioaccumulative potential: Does not bioaccumulate. Bioaccumulation other fish - 61 d - 50 mg/l

Bioconcentration factor (BCF): 0.60

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13	DISPOSAL CONSIDERATIONS
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Dispose of in accordance with local/regional/national/international regulations.

14	TRANSPORT INFORMATION
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Proper Shipping Name: Cleaning Compound, not regulated

15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[0.25-1.25%] Diethylene glycol methyl ether (111-77-3) GADSL, HAP, MASS, PA, SARA313, TSCA

[0.25%] RQ(5000LBS), Ethylene glycol (107-21-1) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, PROP65, SARA313, TSCA, TXAIR

WARNING

This product can expose you to chemicals including Ethylene glycol (ingested), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Regulatory Code Legend

CERCLA = Superfund clean up substance
GADSL = Global Automotive Declarable Substance List (GADSL)
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances

PROP65 = CA Prop 65
RQ = Reportable Quantity
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

16	OTHER INFORMATION
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

Revision Date: 10/14/2025

Print Date: 10/14/2025