



1. DESCRIPTION

Trade Name: BIT-WASH

Chemical Name: -

Application: Cleaning downhole drilling tools

Supplier: TEAM Chemicals

Telephone: +44 (0)207 408 7700 - +98 912 3717539

Address: No. 43, Souri St., 43 Ashrafi Esfahani Expressway

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

NAME	CAS RN	Content
BIT-WASH	-	-

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

May cause skin and eye irritation. May cause respiratory tract irritation.
Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

Potential Acute Health Effects:

Eye Contact: Contact with eyes may cause irritation.

Skin Contact: This product may cause irritation to the skin.

Inhalation: Health injuries are not known or expected under normal use.

Ingestion: Ingestion of this product may cause nausea, vomiting and diarrhea.

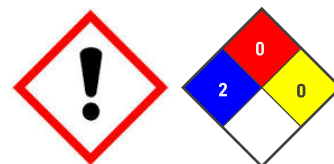
Irritant YES Flammable NO

Carcinogenic NO Oxidant NO

Explosive NO Environmental Hazard NO

Corrosive NO

(Risk-Phrases) - (Safety-Phrases) -





4. FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used.

Skin Contact: If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).

Inhalation: If fumes or combustion products are inhaled remove from contaminated area.

- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.

Ingestion: Drink plenty of water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties: Not Flammable

Extinguishing Media Alcohol foam. Dry chemical, carbon dioxide. Use water to cool fire-exposed containers and to protect personnel.

Fire Fighting Do not use a solid water stream as it may scatter and spread fire.

Fire/Explosion Hazard None

Fire Incompatibility None

Personal Protection As in any fire, wear self-contained breathing apparatus pressure-demand.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

- Clean up all spills immediately. Dilute with water.
- Wipe up.
- Keep people away from and upwind of spill/leak.
- Do not touch damaged containers.
- Clean contaminated surface thoroughly.

Large Spill:

Dike far ahead of liquid spill for later disposal.

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

7. HANDLING AND STORAGE

HANDLING Precautions: Handle and open container with care. Do not get this material in your eyes, on your skin, or on your clothing. Wear personal protective equipment

Storage Precautions:

Use care in handling/storage.

Keep containers tightly closed in a dry, cool and well-ventilated place.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE Limits

Not Hazardous.

PERSONAL PROTECTION

Use of protective coveralls and long sleeves is recommended.

Use of impervious boots are recommended.

Protective gloves.

If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.

ENGINEERING CONTROLS

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

When using do not smoke.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state and Appearance: Liquid

Color: Pale Yellow to Yellow

Odor: Mild

pH (10% solution): 8-10

Melting/Freezing Point: < -10 °C

Flash Point: > 300 °C

Specific Gravity: 1-1.1

Solubility: Soluble in water

10. STABILITY & REACTIVITY

Chemical Stability: Stable at normal conditions

Conditions to Avoid: Direct heat.

Materials to Avoid: Strong oxidizing agents.

Special Remarks on Reactivity: Upon decomposition this product emits acrid dense smoke with carbon dioxide, carbon monoxide, water and other products of combustion.

Special Remarks on Corrosivity: NA

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

12. ECOLOGICAL INFORMATION

According to the results of tests of biodegradability, it is considered as being readily biodegradable.



13. DISPOSAL CONSIDERATION

DISPOSAL METHODS:

Dispose of waste material according to Local, State, and Provincial Environmental Regulations.

14. TRANSPORT INFORMATION

U.S. DOT Shipping Description:

Not Regulated.

15. REGULATORY INFORMATION

Classification:

Not classified as hazardous.

Toxicity: refer to section 11 and 12.

Poisons Schedule (SUSMP): None allocated.

This material is listed on the international standard such as OHSAS 18001:2007.

16. ADDITIONAL INFORMATION

Reason(s) for Issue:

3 Yearly Revised Primary MSDS

Update in Toxicological Information

Update in Ecological Information

This MSDS summaries to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. TEAM cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.