

Product Catalog, BJCS MSDS FORM

Product Name: Techni-Hib 604

 Section: 01 PRODUCT IDENTIFICATION

 9300 BJ CHEMICAL SERVICES Emergency Telephone CHEMTREC (800)424-
 707 N. LEECH Previous Version Date 9/07/04
 HOBBS, NM 88241-1499 Date Prepared 3/07/05
 TELEPHONE:(575)393-7751 Version: 0000010

Product Name: TECHNHI-HIB 604

Trade Name: OXYGEN SCAVENGER

Chemical Description:

Bisulfite salts in water

 Section: 02 HAZARDOUS INGREDIENTS

Component Name	CAS#	% Range
ammonium bisulfite	010192-30-0	< 75%
water	007732-18-5	< 60%
nickel chelate catalyst		< 5%

 Section: 03 PHYSICAL DATA

Freezing Point: - 35 Deg.F.

pH: 4 - 6

Boiling Point, 760 mm Hg: approx 220 Deg.F

Specific Gravity(H2O=1) : 1.333 Solubility in water: Soluble

Appearance and Odor: Clear, pale to light green liquid; pungent odor.

Section: 04 FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method): NONE

Extinguishing Media

Material is not combustible. Use extinguishing agent appropriate for surrounding fire. Keep containers cool.

Contain fire fighting liquids for proper disposal.

Special Fire Fighting Procedures

Fire fighters should wear full protective clothing and self-contained breathing apparatus. Protection is needed against corrosive vapors, if liquid is released.

Unusual Fire and Explosion Hazards

May release toxic or corrosive material if container is destroyed in a fire.

Section: 05 HEALTH HAZARD DATA

Effects of Overexposure

Eye Contact: may tearing, conjunctivitis, burning of the eyes, and corneal injury.

Skin Contact: may cause burns and tissue destruction.

Inhalation: may cause irritation to the respiratory tract.

Ingestion: may cause severe burns to to the mucous membranes of the digestive tract.

Target Organs: eyes, skin and lungs.

Emergency and First Aid Procedures

SKIN

Wash with soap and water. Remove contaminated clothing and launder contaminated clothing before reuse. Get medical

attention if redness or irritation develops.

EYES

Flush eyes immediately with large amounts of water for at least 15 minutes. Lift lower and upper lids occasionally.

Get medical attention.

INHALATION

Remove victim to fresh air. Give artificial respiration if not breathing. If breathing is difficult, administer oxygen.

Keep person warm, quiet and get medical attention.

INGESTION

Call a physician immediately. Give victim a glass of water.

Do NOT induce vomiting unless instructed by a physician or poison control center. Never give anything by mouth to an unconscious person.

Section: 06 REACTIVITY DATA

Stable (Y=Yes/N=No): Y

Stability -- Conditions to Avoid

Strong mineral acids, strong bases, strong oxidizers

Incompatibility (Materials to Avoid)

Strong reducing agents

Hazardous Decomposition Products

ammonia and sulfur dioxide

Hazardous Polymerization May Occur(Y=Yes/N=No): N

Hazardous Polymerization -- Conditions to Avoid

None

Section: 07 SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled

Persons not wearing suitable personal protective equipment should be excluded from area of spill until clean-up has been completed. Shut off source of spill if possible to do so without hazard. Prevent material from entering sewers or watercourses. Provide adequate ventilation. Contain spilled material with sand or earth. Recovered undamaged or minimally contaminated material for reuse or reclamation. Place all collected material and spill absorbents into DOT approved containers.

Advise authorities. If this product is an EPA hazardous substance (see Section 10), notify the U.S.EPA or the National Response Center. Additional notification pursuant to SARA Section 302/304 (40 CFR 355) may also be required.

Waste Disposal Method

Treatment, storage, transportation and disposal must be in accordance with EPA or State regulations under authority of the Resource Conservation and Recovery Act (40 CFR 260-271).

Section: 08 SPECIAL PROTECTIVE INFORMATION

Respiratory Protection

If workplace exposure limit(s) of product or any component is exceeded, an NIOSH/MSHA approved supplied air respirator is advised in absence of proper environmental controls. OSHA regulations permit other NIOSH/MSHA approved respirators (negative pressure acid gas cartridge type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposures.

Ventilation

The use of mechanical dilution ventilation is recommended whenever this product is used in confined spaces, is heated above ambient temperatures or is agitated. When applicable, sufficient local ventilation should be provided to maintain employee exposures below safe working limits (TWA's).

Protective Gloves

Neoprene, nitrile, polyvinyl alcohol (PVA), polyvinyl chloride (PVC)

Eye Protection

Chemical splash goggles or face shield in compliance with OSHA regulations is advised; however OSHA regulations also permits safety glasses under certain conditions. The use of contact lenses is not recommended.

Other Protective Equipment

Eye wash and safety shower

Section: 09 SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

Avoid contact with eyes, skin or clothing. Avoid breathing vapors or mist.

Other Precautions

Containers of this material may be hazardous when emptied. Since emptied containers retain residues (vapor, liquid, or solid), all hazard precautions given in this data sheet must be observed. Do not transfer to improperly marked container. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Containers should not be washed out or used for other purposes.

FOR INDUSTRIAL USE ONLY

 Section: 10 REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act Of 1986(SARA) Title III

Section 302/304-Extremely Hazardous Substances (40 CFR 355)

SARA requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). These values are subject to change and the regulations should be consulted to verify current statutory requirements.

Components present in this product at a level which could require reporting under the statute are:

Component Name	RQ	TPQ	% Range
NONE			

Section 311/312 Chemical Inventory Reporting Requirements (40 CFR 370)

The Superfund Amendments and Reauthorization Act (SARA) may require submission of reports (chemical list, MSDS, Tier I & Tier II) to the State Emergency Response Commission, Local Emergency Response Committee and the local fire department. The SARA physical and health hazards related to this product are:

X Acute Health Hazard	Sudden Release of Pressure	Fire
Chronic Health Hazard	Reactive	

Section 313-List of Toxic Chemicals (40 CFR 372)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372). This information should be included in all MSDSs that are copied and distributed for this material.

Component Name	CAS #	% Range
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NONE

CERCLA, 40 CFR 261 AND 302

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center 1-800-424-8802 of any release of a Hazardous Substances equal to or greater than the reportable quantities (RQs) listed in 40CFR 302.4. Values are given in pounds for the component and not the mixture, if applicable. (These values are subject to change and the regulations should be consulted to verify current statutory levels.)

Component Name	CAS #	CERCLA RQ
ammonium bisulfite	010192-30-0	5000

OSHA Exposure Limits

Component Name

NONE

National Fire Protection Agency

3 Health	0 Fire
0 Reactive	ACID Other

Department of Transportation Shipping Information

Proper Shipping Name: Bisulfites, aqueous solutions, n.o.s.

Hazard Class: 8 Identification: UN2693

Packaging Group: PG III

Contains: ammonium bisulfite

Hazardous Substance RQ: 6667# Emergency Response Guide Number: 154

Labels: Corrosive

Toxic Substances Control Act (TSCA), 40 CFR 261

This product, or components if product is a mixture, is/are listed on the Toxic Substances Control Act (TSCA) inventory.

Section 10 information is to remain attached to the material safety data sheet for this product.

While BJ CHEMICAL SERVICES believes that the above data is correct, BJ CHEMICAL SERVICES expressly disclaims liability for any loss or injury arising out of the use of this information or the use of any materials designated.

END OF MSDS