

METAL FINISHING: A SHINING EXAMPLE OF SBS TECH EFFICACY



Trust **SBS Tech** to effectively remove:

- Rust
- Scale
- Oxides
- Machining oils
- Fingerprints
- Buffing compounds
- Stenciling inks
- Dirt that has collected due to extended storage

SBS Tech Grade – technical grade sodium bisulfate – is a safe, affordable and effective solution used in metal finishing.

As the major component in dry acid bath formulations, sodium bisulfate baths will clean steel, copper, brass, zinc, aluminum, nickel, magnesium, titanium and stainless steel. Typical uses include:

- Made in the USA
- Pickling
- Scale removal
- Rust removal
- Etching

VALUE OF SBS TECH

When preparing metals for subsequent plating, painting, or storage, SBS Tech is preferred over other acids for numerous reasons.

- **No fuming** - Sodium bisulfate solutions do not fume.
- **No vapors** - Vapors can corrode equipment. Since SBS Tech solutions do not fume, unintended corrosion to plant equipment is eliminated. The lack of vapors also mitigates the exposure of personnel to acids, minimizing the risk of irritation and/or injury.
- **Safe** - Sodium bisulfate is a dry, granular solid, classified as non-hazardous by the DOT.
- **Convenient** - Sodium bisulfate is provided in convenient 50 lb. bags or 2,000 lb. supersacks.
- **No excess heat** - Dissolving sodium bisulfate results in a no heat reaction. While dilution of sulfuric acid or hydrochloric acid can cause extreme heat and splattering, solutioning sodium bisulfate results in a small drop in temperature. As a result, the danger of preparing an acid bath is greatly reduced.





**SODIUM BISULFATE
IS ON THE
EPA SAFER CHOICE
SAFER CHEMICAL
INGREDIENT LIST
(SICL)**

WHY SBS TECH GRADE

- Made in the USA
- Economical
- Environmentally friendly, biodegradable and non-toxic
- Safe to store (can be swept up with a broom if spilled)
- Classified as a non-hazardous material (DOT or OSHA)
- 1-0-1 hazard rating by the National Fire Protection Agency



CONSISTENCY AND QUALITY IN EVERY BATCH

SBS Tech Grade is manufactured using systems certified to ISO 9001:2015 standards without the use of crude oil. The quality of the raw materials and control of the manufacturing process results in high product integrity. **SBS Tech Grade** is NSF approved, and contains no chlorine, fluorine, phosphates or organic compounds.

PACKAGING OPTIONS

- 50 lb. and 55kg. bags
- 2,000 lb. and 1,000 kg. supersacks
- Bulk truck and hopper cars



888-858-4425
Jones-Hamilton.com



Proudly Made in the USA

SBS Tech Sales:
HERNALDO VANEGAS
419-819-1747
hvanegas@jones-hamilton.com



**ONE
PRODUCT**

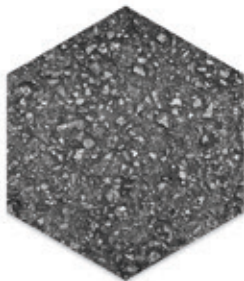
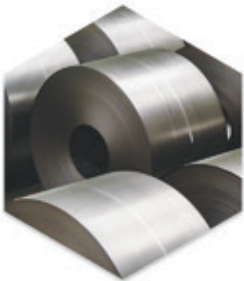
**30+
DIVERSE
APPLICATIONS**

SBS Tech Grade – technical grade sodium bisulfate – is a safe, affordable and effective solution used for pH and alkalinity reduction. **Jones-Hamilton Co.** has helped develop more than 30 applications across diverse industries for **SBS Tech**.



Known for its safety – in transportation, storage and handling – this technical grade acidifier can effectively substitute more expensive, hazardous options and is on the **EPA Safer Choice Safer Chemical Ingredient List (SICL)**.

A SAMPLE OF SBS TECH APPLICATIONS



Metal Finishing – Used to etch, pickle, and remove scale and rust from metals, including steel, copper, brass, zinc, aluminum, nickel, magnesium, titanium and stainless steel.

Cleaning – A safe, effective cleaner used in dry dish detergents, surface cleaners and drain cleaners.

Chemical Grout – Helps chemical grout solidify to help transform soil into a foundation suitable for building.

Herbicide Adjuvant – Protects against product loss due to alkaline hydrolysis in spray solutions.

Oil and Gas – Neutralizes alkaline soils. When tilled into the soil as a direct additive, it can adjust soil pH to neutral/acceptable levels before building permits are approved.

Municipal Water Plants – Shifts water pH at low addition rate to help clean water lines and cooling towers, and neutralize boiler blowdown water before discharge into city sewers.

Construction / Industrial Truck Fleets – Reduces alkalinity in wash out ponds formed by concrete trucks after clean out.

Leather Tanning – Acidifies leather compounds and acts as a preservative and create the ideal pH for chemical penetration and reaction to occur.

Replacement for Sulfamic Acid – Affordable alternative that is consistently available and made in the USA.

