

# MATERIAL SAFETY DATA SHEET

FIVE STAR CHEMICAL CO  
6731 E. 50TH AVENUE  
COMMERCE CITY CO 80022

PHONE: 303-287-0186  
MSDS DATE: 12-15-10  
REPLACES: 01-02-09

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## IDENTIFICATION

**PRODUCT NAME:** SANICLEAN  
**COMPOSITION:** Solution of Phosphoric acid and Sulfonated Oleic Acid

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This product requires submission of an annual report on the release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). Components present in this product are at a level which requires reporting under the statute are:

<b>HAZARDOUS INGREDIENTS:</b>	<b>%</b>	<b>ACGIH TLV</b>
Phosphoric acid	29	1 mg/m
Sulfonate Oleic Acid	10	N/A

(Other compositional information is considered a trade secret.)

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## PHYSICAL DATA

**APPEARANCE:** Brown Liquid  
**SOLUBILITY IN WATER:** Complete  
**pH CONCENTRATE:** 1

**ODOR:** Slight Alcohol  
**SPECIFIC GRAVITY:** 1.27

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## FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Non - combustible, substance itself does not burn but may decompose to produce corrosive and/or toxic fumes.

**EXTINGUISHING MEDIA:** Water, Carbon Dioxide, Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated. Contact with chlorine will evolve chlorine gas.

**NFPA HAZARD RATING:** Health 3; Flammability 0; Reactivity 1

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## HEALTH HAZARD DATA

- CAUSES EYE DAMAGE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.
- TOXIC; inhalation, ingestion, or skin contact with material may cause severe injury or death.
- Contact with molten substance may cause severe burns to skin and eyes.
- Avoid any skin contact.
- Effects of contact or inhalation may be delayed.
- Fire may produce irritating, corrosive, and/or toxic gas.
- Runoff from fire control or dilution water may be corrosive.
- Do not mix with chlorine sanitizers or chlorinated cleaners, or a harmful gas will form.

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## EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** Flush with cool running water for at least 15 minutes. For eye exposure, irrigate with saline solution. Get medical attention as soon as possible.

**SKIN CONTACT:** Flush with cool running water. If irritation develops, get medical attention. If on clothes wash before reusing.

**INGESTION:** If conscious, give several glasses of milk, water, egg whites or gelatin solution. Get medical attention immediately. DO NOT induce vomiting.

**INHALATION:** Move victim to fresh air. Call emergency medical care. Apply artificial respiration if victim is not breathing.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

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**SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** Atmospheric levels should be maintained below the exposure limits Listed in Hazardous Ingredients by using engineering controls. If not feasible, Use approved full-face piece air-purifying respirator.

**VENTILATION SYSTEM:** Provide general and/or local exhaust ventilation to maintain airborne levels below the exposure limits in Hazardous Ingredients. Refer to "Industrial Ventilation" by ACGIH for a manual of recommended practices.

**SKIN PROTECTION:** If skin or contamination of clothing is likely, protective clothing should be worn.

**EYE PROTECTION:** Chemical goggles are required.

**PROTECTIVE GLOVES:** Wear chemical resistant gloves.

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**REACTIVITY DATA**

**INCOMPATIBLE MATERIALS:** Alkalis, chlorinated products, and soft metals

**STABILITY:** Product is stable.

**POLYMERIZATION:** Will not occur.

**DECOMPOSITION PRODUCTS:** May give off phosphorous and nitrous oxide at high heat (fire conditions).

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**SPILL OR LEAK PROCEDURES**

**SPILL:** See Emergency/ First Aid Procedures and Special Protection Information for hazards and exposure controls. Dike with sand or earth to contain spill. Avoid ignition sources. Absorb with sand to other non-flammable material and transfer to approve DOT drum for recovery or disposal.

**DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

**GENERAL:** CERCLA/SARA requires notification to the appropriate Federal state and local authorities of releases of hazardous or extremely hazardous quantities equal to or greater than the Reportable Quantities (RQs) in 50 CFR 302.4 and 40 CFR 355. SARA Title 313 requires submissions of annual reports of releases of toxic chemicals that appear in 40 CFR 372. Components present in this product at a level which could require reporting under statute are listed under identification.

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**TRANSPORTATION**

**DOT HAZARD CLASSIFICATION:** Corrosive Liquids, N.O.S. 8, UN1760, PG III

**PLACARD REQUIRED:** Corrosive, UN1760, Class 8

**LABEL REQUIRED:** Corrosive, Class 8, Label required by OSHA Hazard Communication Standard, and any applicable state and local regulations.

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**EMERGENCY TELEPHONE: INFOTRAC 800-535-5053**