

## Material Data Safety Sheet

### STEEL CLEANER PRO

#### Product Summary:

##### Company:

NexChem. Inc.  
353 Kearny St Suite 41  
San Francisco CA 94108  
USA  
Tel: +1 415 578 3196

##### Product Trade Name:

Steel Cleaner PRO

##### Chemical Name or Synonym

Mixture of Anionic Surfactants

**Date of Issue:** October 2008

### NFPA HAZARD IDENTIFICATION SYSTEM

#### HAZARD RATINGS:

0=Least			
1=Slight	HEALTH =		0
2=Moderate	FIRE =		0
3=High	REACTIVITY =		0
4=Severe	EQUIPMENT =		0

### 1. PRODUCT DESCRIPTION

PRODUCT NAME:	Steel Cleaner PRO
GENERAL DESCRIPTION:	Industrial Surfactant Detergent
CHEMICAL NATURE:	Mixture of Anionic Surfactants

### 2. PRODUCT COMPOSITION (OSHA Listed Potentially Hazardous Ingredients)

Contains no hazardous ingredients

Component	CAS Reg. Number	OSHA Hazard	Percentage
Ethoxylated Alcohol (Ch <sub>3</sub> -(Ch <sub>2</sub> ) <sub>8</sub> - (O CH <sub>2</sub> CH <sub>2</sub> ) <sub>6</sub> - OH M	68439-46-3	N	50%
Anionic Surfactant (C <sub>2</sub> H <sub>4</sub> O) <sub>x</sub> (CF <sub>2</sub> ) <sub>y</sub> C <sub>2</sub> H <sub>5</sub> FO)	82784-95-9	N	< 25%
IsoPropyl Alcohol	67-67-0	N	< 25%
Sodium Laurel Ether Sulfate	9004-82-3	N	1%
Other Surfactants	Various	N	< 5%

### 3 - PHYSICAL PROPERTIES

BOILING RANGE:	N/E
SPECIFIC GRAVITY: (Water = 1)	1.006
VAPOR PRESSURE AT 20C: (MM of HG)	Equivalent to water
VAPOR DENSITY: (Air = 1)	Equivalent to water
SOLUBILITY IN WATER:	Infinite
SOLUBILITY IN SOLVENT:	Miscible
EVAPORATION RATE:	Equivalent to water
APPEARANCE:	Clear Viscous liquid
ODOR:	Citrus
PH RANGE:	8 ± .5

### 4 - FIRE AND EXPLOSION DATA

LOWER FLAMMABILITY LIMITS: (% In Air)	Not pertinent
FLASH POINT: (And Method)	Not pertinent
FLAMMABILITY CLASSIFICATION:	Not flammable
UNUSUAL FIRE/EXPLOSION HAZARDS:	None known
RECOMMENDED EXTINGUISHING MEDIA:	Water spray, carbon dioxide, dry chemical powder
SPECIAL FIRE FIGHTING PROCEDURES:	None.

### 5 - HEALTH INFORMATION

ACUTE TOXICITY: Non-toxic  
THRESHOLD LIMIT VALUE: No limit known  
EFFECTS OF OVEREXPOSURE: Ingestion: No effect if ingested in small amounts.  
Relative to other materials a single dose of this product is rarely toxic by ingestion.  
Numbness of the mouth and/or irritation of the stomach can develop following ingestion.

Eye contact: This material may cause eye irritation. Skin contact: Slight redness may develop on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Skin absorption: Systemically toxic concentrations will probably not be absorbed through the skin in humans. Inhalation: None known.  
OTHER EFFECTS OF OVER EXPOSURE: None known.

#### EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. If irritation persists have eyes examined and treated by medical personnel.

SKIN CONTACT: If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.

INHALATION: No treatment needed.

INGESTION: Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.

#### **6 - REACTIVITY DATA**

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: None known

INCOMPATIBILITY WITH OTHER MATERIALS: None

HAZARDOUS DECOMPOSITION MATERIALS: None

HAZARDOUS POLYMERIZATION: Will not occur

#### **7 - FIRE AND SPILL/LEAK PROCEDURES**

IN CASE OF FIRE: No special precautions

PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: Where possible flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

WASTE DISPOSAL PROCEDURES: Dispose of this product or its residues in accordance with all local, state and federal requirements.

#### **8 - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: None required for recommended use

LOCAL EXHAUST: Normal room ventilation

PROTECTIVE GLOVES AND CLOTHING: None required

EYE PROTECTION: None required for recommended use. If need is determined use safety glasses or face shield.

OTHER PROTECTIVE EQUIPMENT: As determined by or recommended by federal state or local regulations.

#### **9 - ADDITIONAL PRECAUTIONS**

No additional precautions.