

SAFETY DATA SHEET



Date Prepared : 12/15/2011
 MSDS No : 0510
 Date Revised : 3/24/2015
 Revision No : 1

Det-San A

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Det-San A
GENERAL USE: Sanitizer
PRODUCT CODE: 0510

MANUFACTURER

Detco Industries, Inc.
 PO Box 430
 Conway, AR 72033
Product Stewardship: (800) 282-2133

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

EPA REG. NO.: 4959-41-58111

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 1
 Serious Eye Damage, Category 1
 Carcinogenicity, Category 1A
 Target Organ Toxicity (Single exposure), Category 3

Physical:

Corrosive to Metals, Category 1

GHS LABEL



Exclamation
mark



Health
hazard



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
 H350: May cause cancer .
 H335: May cause respiratory irritation.
 H336: May cause drowsiness or dizziness.
 H290: May be corrosive to metals.

PRECAUTIONARY STATEMENT(S)

Prevention:

P202: Do not handle until all safety precautions have been read and understood.
 P281: Use personal protective equipment as required.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P264: Wash hands thoroughly after handling.
 P271: Use only outdoors or in a well-ventilated area.

Response:

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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P363: Wash contaminated clothing before reuse.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Storage:

P405: Store locked up.
 P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501: Dispose of contents/container in accordance with federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Water	65 - 70%	7732-18-5
Propionic Acid	10	79-09-4
Sulfuric Acid	9.5	7664-93-9
Phosphoric Acid	8.5	7664-38-2
decanoic acid	3	334-48-5
N-nonanoic Acid	3	112-05-0

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.
SKIN: Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.
INGESTION: Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: This product causes burns of eyes, skin and mucous membranes.
EXTINGUISHING MEDIA: Carbon dioxide, water, foam or dry chemical.
FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill. Neutralize with soda ash or lime. Flush area with large amounts of water.

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7. HANDLING AND STORAGE

STORAGE: Store in a tightly closed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Propionic Acid	TWA			10	30		
Sulfuric Acid	TWA	ppm ^[1]	1 mg/m ³ ^[1]	ppm	0.2 mg/m ³	NL ppm	NL mg/m ³
	STEL	ppm	mg/m ³	ppm	3 mg/m ³	NL ppm	NL mg/m ³
Phosphoric Acid	TWA	ppm ^[1]	1 mg/m ³ ^[1]	ppm	1 mg/m ³	NL	NL
	STEL	ppm	mg/m ³	ppm	3 mg/m ³	NL	NL

Footnotes:

1. NL = Not Listed

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Wear rubber or nitrile gloves.

RESPIRATORY: None.

PROTECTIVE CLOTHING: Synthetic apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Pungent

COLOR: Colorless

pH: < 2.00

FLASHPOINT AND METHOD: Not Flammable

FLAMMABLE LIMITS: N/D to N/D

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

BOILING POINT: Not Determined

FREEZING POINT: Not Determined

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SOLUBILITY IN WATER: Soluble
EVAPORATION RATE: Not Determined
SPECIFIC GRAVITY: 1.16
(VOC): Not yet Determined

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: Stable.
CONDITIONS TO AVOID: Extreme temperature and direct sunlight.
POSSIBILITY OF HAZARDOUS REACTIONS: May react with metals to release hydrogen gas.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
INCOMPATIBLE MATERIALS: Bases, organic materials, light metals.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Chemical Name	NTP Status	General Toxicity
Sulfuric Acid	1	
Phosphoric Acid		None known.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S.
TECHNICAL NAME: (Sulfuric Acid, Propionic Acid)
PRIMARY HAZARD CLASS/DIVISION: 8
UN/NA NUMBER: 3264
PACKING GROUP: II

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

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Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Sulfuric Acid	9.5	7664-93-9

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Propionic Acid	10	5,000
Sulfuric Acid	9.5	1,000 lbs.
Phosphoric Acid	8.5	5,000 lbs.

16. OTHER INFORMATION

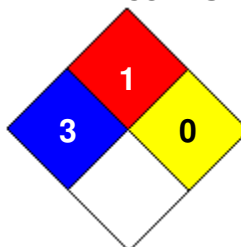
PREPARED BY: E. Spicer Date Revised: 3/24/2015

REVISION SUMMARY: This MSDS replaces the 12/15/2011 MSDS. Revised: **Section 1:** GENERAL USE, PREPARED BY. **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 3:** Wt.%. **Section 5:** EXTINGUISHING MEDIA, GENERAL HAZARD. **Section 9:** BOILING POINT, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, FREEZING POINT, SPECIFIC GRAVITY, VAPOR DENSITY, VAPOR PRESSURE, (VOC). **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS. **Section 16:** MANUFACTURER DISCLAIMER.

HMIS RATING

HEALTH	1	3
FLAMMABILITY	0	0
PHYSICAL HAZARD	0	0
PERSONAL PROTECTION	C	

NFPA CODES



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