

# MATERIAL SAFETY DATA SHEET



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Revision Date: 16 January 2013

## I. PRODUCT INFORMATION

<b>TRADE NAME</b>	<b>Aculon Nanoclear™ Primer</b>	<b>CHEMICAL FAMILY APPLICATION</b>	Chemical Mixture Metal Primer
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## II. COMPOSITION / INFORMATION ON INGREDIENT(S)

INGREDIENT(S)	CAS NUMBER	CONCENTRATION	OSHA PEL	ACGIH TLV-TWA
Sodium tripolyphosphate	7758-29-4	5-10%	none	none
Proprietary Ingredients	NA	1-5%	none	none
Surfactant	NA	1-5%	none	none
Water	7732-18-5	>80%	none	none

## III. HAZARDOUS IDENTIFICATION

NFPA SCALE: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

**Health = 1**

**Flammability = 0**

**Reactivity = 0**

<b>EYE CONTACT</b>	This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.
<b>SKIN CONTACT</b>	Avoid all skin contact. Corrosive to the skin. Contact with the skin or mucous membranes may cause severe irritation and burns.
<b>INHALATION</b>	Vapor and/or spray mist harmful if inhaled. Vapor irritates eyes, nose, and throat.
<b>INGESTION</b>	Harmful or fatal if swallowed.

## IV. FIRST AID MEASURES

<b>EYE CONTACT</b>	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical aid immediately.
<b>SKIN CONTACT</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.
<b>INHALATION</b>	Supply fresh air or oxygen. If not breathing begin artificial respiration. Seek immediate medical attention.
<b>INGESTION</b>	Immediately call a poison control center or a doctor. Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of a physician.

## V. FIREFIGHTING MEASURES

<b>GENERAL INFORMATION</b>	<p><u>Unusual Fire and Explosion Hazards:</u> This product is an aqueous mixture that will not burn. If evaporated to dryness, the solid residue may pose a moderate fire hazard.</p> <p><u>Special Fire Fighting Measures:</u> Wear full protective clothing and self-contained breathing apparatus</p>
<b>FLASH POINT</b>	None
<b>AUTO-IGNITION TEMPERATURE</b>	Not Determined
<b>EXPLOSION LIMITS</b>	Lower: NA                      Upper: NA

<b>VI. ACCIDENTAL RELEASE MEASURES</b>			
<b>PERSON-RELATED SAFETY PRECAUTIONS</b>	Wear protective equipment. See <b>Section VIII</b> for proper protective equipment. Keep unprotected persons away.		
<b>ENVIRONMENTAL PRECAUTIONS</b>	Prevent further leakage or spillage if safe to do so. Wear suitable protective clothing, gloves and eye/face protection. See <b>Section VIII</b> for proper protective equipment.		
<b>MEASURES FOR CLEANING/COLLECTING</b>	Absorb spill with an inert material (i.e. vermiculite, sand, diatomite, soil, etc.). Sweep or scoop material into proper containers for disposal. Prevent material from entering storm sewers or waterways.		
<b>VII. HANDLING AND STORAGE</b>			
<b>HANDLING PRECAUTIONS</b>	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Do not ingest or inhale.		
<b>STORAGE PRECAUTIONS</b>	Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.		
<b>VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>			
<b>VENTILATION / ENGINEERING CONTROLS</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation.		
<b>RESPIRATORY PROTECTION</b>	If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.		
<b>SKIN PROTECTION</b>	Wear appropriate protective gloves to prevent skin exposure.		
<b>EYE PROTECTION</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.		
<b>CLOTHING</b>	Wear appropriate protective clothing to prevent skin exposure.		
<b>IX. PHYSICAL AND CHEMICAL PROPERTIES</b>			
<b>APPEARANCE / PHYSICAL STATE</b>	Brown-Yellow Liquid	<b>EVAPORATION RATE</b>	Not available
<b>MOLECULAR FORMULA</b>	Mixture	<b>SOLUBILITY (in H<sub>2</sub>O)</b>	Soluble
<b>ODOR</b>	Mild characteristic odor	<b>Percent Volatile by Volume</b>	0 %
<b>pH</b>	8.0 – 9.0	<b>BOILING POINT</b>	100 °C
<b>VAPOR PRESSURE</b>	Not determined	<b>SPECIFIC GRAVITY/ DENSITY</b>	1.08 @ 20 °C
<b>VAPOR DENSITY</b>	Not determined		
<b>X. STABILITY AND REACTIVITY</b>			
<b>STABILITY</b>	Stable at ambient temperature		
<b>CONDITIONS TO AVOID</b>	See Below		
<b>INCOMPATIBLE MATERIALS</b>	This product reacts with strong reducing agents. This product may react with strong oxidizing agents		
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.		
<b>HAZARDOUS POLYMERIZATION</b>	Has not been reported.		

<b>XI. TOXICOLOGICAL INFORMATION</b>	
<b>GENERAL INFORMATION</b>	No components of this product have been defined as Carcinogens according to the NTP, IARC or OSHA.
<b>HEALTH EFFECTS/ TARGET ORGANS</b>	Route of Exposure: Skin contact – Corrosive to the skin. Skin Absorption – Harmful if absorbed through skin Eye Contact – May cause chemical burns and blindness Inhalation – Harmful if inhaled, material is irritating to mucous membranes and upper respiratory tract Ingestion – Harmful if swallowed
<b>XII. ECOLOGICAL INFORMATION</b>	
<b>ECOTOXICITY</b>	No information available.
<b>ENVIRONMENTAL</b>	No data is available concerning the environmental fate, biodegradation or bioconcentration for this product.
<b>PHYSICAL</b>	No information available.
<b>XIII. DISPOSAL CONSIDERATIONS</b>	
Dispose in accordance with Federal, State, and Local Regulations. <b>RCRA P-Series:</b> None listed. <b>RCRA U-Series:</b>	
<b>XIV. TRANSPORT INFORMATION (US DOT)</b>	
<b>SHIPPING NAME</b>	Not regulated
<b>UN #</b>	None
<b>PACKING GROUP</b>	None
<b>XV. REGULATORY INFORMATION</b>	
<b>TSCA</b>	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
<b>OSHA</b>	This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.
<b>SECTION 311/312</b>	<b>Acute: yes</b> , Chronic: No, Fire: No, Pressure: No, <b>Reactive: yes</b>
<b>SECTION 313</b>	This product does not contain a toxic chemical, above the minimum, that is required to be reported.
<b>XVI. OTHER INFORMATION</b>	
<p>INFORMATION CONTAINED IN THIS MATERIAL DATA SAFETY SHEET IS FOR USE BY TECHNICALLY QUALIFIED PERSONNEL AT THEIR DISCRETION AND RISK. ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON TESTS AND DATA WHICH WE BELIEVE TO BE RELIABLE, BUT THE ACCURACY OR COMPLETENESS THEREOF IS NOT GUARANTEED AND NO WARRANT OF ANY KIND IS MADE WITH RESPECT THERETO. SINCE THE COMPANY SHALL HAVE NO CONTROL OF THE USE OF THE PRODUCT DESCRIBED HEREIN, THE COMPANY ASSUMES NO LIABILITY OF LOSS OR DAMAGE INCURRED FROM THE PROPER OR IMPROPER USE OF SUCH PRODUCT.</p> <p><b>DISCLAIMER</b> This material must be handled by or under direct supervision of technically qualified persons. Not for drug, household or other uses.</p>	