



SAFETY DATA SHEET

SECTION 1. CHEMICAL AND COMPANY IDENTIFICATION

PRODUCT NAME: TITAN

PRODUCT USE: Heavy Duty Cleaner/Degreaser

BRAND: Elite Shield Chemicals

INFORMATION CALL: (305) 592-1850

PREPARED DATE: July 13, 2016

SECTION 2. HAZARDS IDENTIFICATION

CAUTION: CAUSES EYE IRRITATION

ACUTE EFFECTS:

HEALTH	FLAMMABILITY	REACTIVITY
2	0	0

EYES: Causes eye irritation. Characterized by: Redness, watering or itching.

SKIN: May cause skin irritation. Characterized by: Itching, scaling or reddening.

INHALATION: Harmful if Inhaled.

INGESTION: May be harmful if swallowed. Can cause gastrointestinal disturbance.

CHRONIC EFFECTS: Repeated episodes of tissue damage may cause scar tissue accumulation.

CARCINOGENICITY: No known significant effects or critical hazards.

THIS PRODUCT IS A HAZARDOUS CHEMICAL AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Sodium Hydroxide	1310-73-2	< 5
Sodium Metasilicate	6834-92-0	< 5
2-Butoxyethanol	111-76-2	< 5

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention

SKIN CONTACT: Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Get medical attention if irritation develops.

INHALATION: Move exposed person to fresh air . If irritation persists, get medical attention.

INGESTION : Do not induce vomiting Have affected person drink plenty water. Seek medical attention immediately.

SECTION 5. FIRE FIGHTING MEASURES

FLAMMABILITY: Non-combustible.

FLASH POINT: None.

FIRE FIGHTING PROCEDURES: Use an extinguishing agent suitable for the surrounding fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP: Put on appropriate personal protective equipment. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

SECTION 7. HANDLING AND STORAGE

HANDLING: After handling, always wash hands thoroughly with soap and water. Avoid breathing vapors or spray mists. Avoid contact with skin and eyes. Keep out of reach of children.

INCOMPATIBILITY: Acids.

STORAGE: Keep container dry. Keep in a cool place. Corrosive materials should be stored in a separate safety storage cabinet or room.

KEEP OUT REACH OF CHILDREN.

KEEP CONTAINER CLOSED DURING STORAGE.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: No exposure limit value known.

PERSONAL PROTECTION:

EYES: Safety glasses



BODY: Recommended neoprene gloves, nitrile gloves or rubber gloves.



RESPIRATORY: Good general ventilation should be sufficient to control airborne levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Red

pH: 13.5-14.0

ODOR: Slight Odor

BOILLING POINT: 215°F initial

SPECIFIC GRAVITY: 1.04 (water =1)

SOLUBILITY: Easily soluble in water

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

EVAPOTATION RATE: 1 (water=1)

VOC: 2.1 (in concentrated form)

SECTION 10. STABILITY AND REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Acids

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Not available.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:

TOXICITY TO ANIMALS: Absorbed through skin. Eye contact. Inhalation. Ingestion.

ACUTE EFFECTS ON HUMANS:

EYES: Corrosive to the eyes

SKIN: Severe skin irritant. May cause moderate reddening, swelling, and possible skin damage. Cause severe skin burns.

INHALATION: Harmful if inhaled.

INGESTION: Irritating to mouth, throat and stomach. May cause headache, dizziness, nausea, vomiting and diarrhea.

CHRONIC EFFECTS ON HUMANS: Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure

can produce lung damage, choking, unconsciousness or death. The amount of tissue damage depends on length of contact.

SECTION 12. ECOLOGICAL INFORMATION

INFORMATION ON ECOLOGY:

Not Available

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE INFORMATION: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

SECTION 14. TRANSPORT INFORMATION

This product is non-regulated.

See shipping documents for specific transportation information.

SECTION 15. REGULATORY INFORMATION

HCS CLASSIFICATION: Material is irritant.

OSHA HAZARDS: This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200

SECTION 16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM

HEALTH	FLAMMABILITY	REACTIVITY
2	0	0

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.