



### Safety Data Sheet - Cleaner 7350 – HF High Foam Degreaser

#### 1. Identification

Product Name: **High Foam Degreaser**  
Synonyms: Surfactant & Alkali Mixture  
CAS Number: Mixture

#### Intended

Use: Degreasing of Greasy and Grimy Surfaces  
Manufacturer: DyneCraft

Address: Oceanside, CA

General Information: 714 785 8505

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#### 2. Hazards Identification

GHS Classification:

#### Health

Skin Corrosion / Irritation: Category 3: Causes Mild Skin Irritation  
Acute Toxicity – Oral: Category 5 – May be harmful if swallowed

**Signal Word: Warning**

**GHS Label Elements:**

#### GHS HAZARD STATEMENTS

##### Health Hazard Statements

Causes mild skin irritation

May be harmful if swallowed

##### Precautionary Statements – Prevention

P101 – Keep away from Children

P234 – Keep only in original container

P260 – Do not breathe mists, Vapor or Spray

P264 – Wash skin and contaminated clothing thoroughly after handling

P270 – Do not eat, drink or smoke while using this product

P280 – Wear protective/protective clothing/eye protection/face protection

##### Precautionary Statements – Response

P390 – Absorb spillage to prevent material damage

P301 + P312 – IF SWALLOWED, Call a POISON CENTER or Doctor/Physician if you feel unwell

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P330 – Rinse mouth if ingested

P305 + P351 + P338 – IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and is easy to do. Continue rinsing.

P303 + P361 + P353 – IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water

P363 – Wash contaminated clothing before use

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

### Precautionary Statements – Storage

P405 – Store in a secure manner

P406 – Store in a corrosive resistant and NON-ALUMINUM container with a resistant inner liner (NOTE: Flammable, Hydrogen gas may be generated if Aluminum container and/or Aluminum fittings are used)

### Precautionary Statement – Disposal

P501 – Dispose of Contents and containers in accordance with applicable local, regional, national and/or international regulations.

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### 3. Composition / Information on Ingredients

Ingredients	CAS Number	Percent by Weight
Caustic Potash	1310-58-3	< 1.0
Sodium Metasilicate	6834-92-0	< 2.0
Water	7732-18-5	> 85.0

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### 4. First Aid Measures

**Inhalation:** Move to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and seek medical attention immediately.

**Skin:** Immediately flush with mild hand or bath soap and water for at least 15 minutes. If irritation or rash develops, seek medical attention. Remove contaminated clothing & Shoes and launder before reuse.

**Eye:** Immediately flush with running water for 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. If irritation persists seek medical attention immediately.

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**Ingestion:** Do not induce vomiting. If conscious give 3-4 glasses of water to dilute and get immediate medical care.

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### 5. Fire Fighting Measures

Flash Point:	Above 100 °C (212 °F) – Not Flammable or Combustible
Sensitivity to Mechanical Impact:	Not Sensitive
Sensitivity to Static Discharge:	Not Sensitive

This is water based product with about 85% water and thus is non-combustible. It does not contain any flammable or combustible solvents dissolved and this does not pose a risk of separating from the liquid phase and flashing off. When concentrated by the evaporation of the water and then by getting in contact with water it may pose a low risk of reacting with the following metals and alloys; Aluminum, Zinc, Magnesium and Copper to release Hydrogen gas which can form explosive mixtures in air.

Suitable Extinguishing Media: Water or Dry Powder may be used safely on this product. Chose and Use extinguishing agents appropriate for the surrounding materials that may be on fire.

Combustion Products: Although unlikely in normal circumstances, there may be situations where the product may have been heated for long periods of time and Irritating or toxic substances may be emitted upon thermal decomposition from concentrated portions of the product. Thermal decomposition products may include oxides of carbon and nitrogen.

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### 6: Accidental Release Measures

#### Occupational Release:

For very large spills, 50 Gallons and above, wear appropriate personal protective equipment recommended in Section 8 of this SDS. Completely contain spilled material with dikes and sand bags. Keep out of water supplies and sewers. Liquid material must be removed with a vacuum truck. Flush spill with water and vacuum if appropriate. This material is alkaline and may raise the pH of Surface waters.

For Smaller spills, wear appropriate personal protective equipment and vacuum into a container and dispose of the material according to the advice on Chapter 13. Disposal considerations. After vacuuming the spill; Wash the spill area with water and squeegee to the wash water into the floor sump that feeds to the sewer.

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### 7. Handling and Storage

**This is an industrial product, use for intended purposes only. Keep away from children.**



### Handling

Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts and shoes and other items that cannot be decontaminated.

Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools.

### Storage

Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Store at ambient or lower temperature. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage.

Empty containers may contain toxic, flammable and explosive residue or vapors. Do not cut, grind, drill, or weld on or near containers unless precautions are taken against these hazards.

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### 8. Exposure Controls / Personal Protection

#### Exposure Limits

Component	Occupational Exposure Limit
Potassium Hydroxide	2 mG/M3 OSHA Ceiling (Vacated)
Potassium Hydroxide	2 mG/M3 ACGIH (Ceiling)
Potassium Hydroxide	2 mG/M3 Japan OEL (Ceiling)
Sodium Metasilicate	Not Established per OSHA PEL
Sodium Metasilicate	Not Established per ACGIH TLV
Sodium Metasilicate	2 mG/M3 per Manufacturer

#### Engineering Controls – Occupational Use

Local exhaust ventilation may be necessary to control air contaminants to their exposure limits for heavy use by spraying in closed and confined spaces. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces. If the Product is used in large open ventilated areas local exhaust ventilation may not be necessary.

#### Personal Protective Equipment (PPE)

Eye Protection: Wear chemical safety goggles or safety glasses. Have eye-wash stations available where eye contact can occur.

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### Skin Protection:

Avoid skin contact. Wear Latex Rubber or Vinyl gloves impervious to Water based liquids. Additional protection may be necessary to prevent skin contact including use of apron, face shield, boots or full body protection. A safety shower should be located in the work area.

### Respiratory Protection:

Respiratory protection should be worn when there is a potential to exceed the exposure limits. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. In misty or condensing atmospheres, use an approved particulate respirator. (Particulate Filter)

If exposure limits are exceeded, as in large spills, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable for concentrations up to 10 times the PEL.

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### 9. Physical and Chemical Properties

Appearance / Odor:	Clear, colorless liquid with mild, Lemon-Lime Fragrant odor.
Flashpoint:	Above 100 °C (212 °F) – Not Flammable or Combustible
Boiling Point:	Above 100 °C (212 °F) at 760 mm Hg.
Auto-ignition Temperature:	Not Applicable
Evaporation Rate:	Same as Water
Flammable Limits in Air:	Lower: Not Applicable Upper: Not Applicable
Vapor Pressure:	Same as Water
Vapor Density:	Same as Water (No Volatiles present)
Volatile Organic Content:	Zero
Solubility in Water:	100 % (Complete)
Specific Gravity:	1.055 @ 25°C
pH:	12 – 12.5 as is (Reduces upon dilution)

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### 10. Stability and Reactivity

Stability:	Stable in a wide range of practical use and storage temperatures See Storage Instructions, Section – 7
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Incompatibility:	Incompatible with strong acids and will react mildly with acids
Hazardous Reactions:	None – Mild reactions with Acids that do not cause a hazard
Decomposition Products:	Polymerization will not occur Thermal decomposition products may include concentrations of high alkalinity salts

### 11. Toxicological Information

Signs and Symptoms of Overexposure: Eye and nasal irritation, itching or burning of the skin.

Acute Effects:

Eye Contact: May cause severe irritation and reddening of the Eye.

Skin Contact: Prolonged contact may cause irritation and local reddening of the skin. Repeated contact may cause skin burns. Symptoms may include pain, swelling and local redness.

Inhalation: may cause severe irritation in the nasal passage when large amounts of mist of this product were inhaled.

Ingestion: may cause severe gastrointestinal irritation with a feeling of Nausea.

Carcinogenicity: None of the Ingredients in this product are classified as carcinogen by the NTP, IARC and OSHA.

Chronic Effects – The Chronic effects are irritation to the Skin and Eyes if they come in contact with the spray or liquid. However, given none of the ingredients are airborne from the targeted surfaces, the risk of chronic exposure is greatly reduced.

Acute Toxicity Values Ingredient	CAS Number	Acute Toxicity Data
Caustic Potash 45% Liquid	1310-58-3	This material when offered in full strength is a strong irritant and is corrosive to the skin, eyes and the mucous membrane; however the concentration of this ingredient in this product is below 3 % and thus does not pose the threat or risk of being corrosive to any part or organ of the human body
Sodium Metasilicate	6834-92-0	This material has not been tested for primary eye irritation potential. However, on the basis of its high degree of alkalinity, it is regarded as corrosive to the eyes; however the concentration of this

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		ingredient in this product is below 2.5 % and thus does not pose the threat or risk of being corrosive to any part or organ of the human body Oral – LD50 for Rats ranged from 1500 – 3200 mG/kG
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### *12. Ecological Information*

Ingredient	CAS Number	Data
Caustic Potash 45% Liquid	1310-58-3	LD 50 Oral – 214 mG/kG for Rat
Sodium Metasilicate	6834-92-0	Fish Gambusia affinis 2320 ppm (0.232 %) 96 Hour Water fleas (Daphnia magna) 247 ppm (0.0247 %) 96 Hour This material is not persistent in aquatic systems, but its high pH when undiluted or un-neutralized is acutely harmful to the aquatic life, but as presented in a concentration of below 2.5 % it does not pose any harm to aquatic life. Neither Silica or Sodium will appreciably bio-concentrate up the food chain

Bioaccumulation is not expected to be significant. This product is readily biodegradable.

### *13. Disposal Considerations*

Review Local, State, Provincial and Federal (National) Government requirements prior to disposal of this product. This is water based product with about 85 % Water and contains the ingredients found in laundry detergents, soaps and janitorial products. Please follow the Local, State, Provincial and Federal (National) Government Regulations for disposal of laundry detergents, soaps and janitorial products.

Do not dispose this product with Acid based products such as Drain Cleaners and de-cloggers that contain muriatic acid

### *14. Transport Information*

US Department of Transportation: DOT Regulated

UN/ID Number: UN 3266

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Contains Potassium Hydroxide)

Hazard Class: 8

Packing Group: III

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National Motor Freight Code (NMFC) No. 45730 – 30 Class 55

Air Transportation: Regulated Material

UN/ID Number: UN 3266

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Contains Potassium Hydroxide)

Hazard Class: 8

Packing Group: III

Water Transportation: Regulated Material

UN/ID Number: UN 3266

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Contains Potassium Hydroxide)

Hazard Class: 8

Packing Group: III

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### 15. Regulatory Information

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

Potassium Hydroxide: Not listed under CERCLA

Sodium Metasilicate: Not Listed under CERCLA

OSHA

Potassium Hydroxide: Not listed

Sodium EDTA: Listed as a Hazardous Chemical

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.

Clean Water Act (CWA):

Clean Air Act (CAA): This product does not contain any Chemicals that are considered Hazardous Air Pollutants. The VOC of this product is Zero

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard: X Sodium Metasilicate

Delayed Hazard: X Sodium Metasilicate

Fire Hazard: None

Pressure Hazard: None

Reactivity Hazard: None

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### SARA Section 313 (40 CFR 372)

This product does not contain toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)

### State Regulations

California: This product does NOT contain any chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

### International Regulations

Canadian Environmental Protection Act: All of the components of this product are included on the Canadian Domestic Substances list (DSL).

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

EU Classification:

EU Risk (R) and Safety (S) Phrases:

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R43: May cause sensitization by skin contact.

S53: Avoid exposure - obtain special instructions before use.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S9: Keep container in a well-ventilated place.

S36/37: Wear suitable protective clothing and gloves.

S57: Use appropriate container to avoid environmental contamination.

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### 16. Other Information

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 1 -- Flammability: 0 -- Reactivity: 0

Disclaimer: The information contained herein is accurate to the best of our knowledge.

DyneCraft urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given.

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## Safety Data Sheet – 7350 HF High Foam Degreaser

Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product.

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