



## 2700 Degreaser Concentrate

## Safety Data Sheets

### 1. Identification

Product Name: **2700 Degreaser Concentrate**  
Synonyms: Surfactant & Alkali Mixture  
CAS Number: Mixture of Detergent Surfactants and Chemicals

#### Intended

Use: Industrial Cleaning of Fats, Oils and Greases from Surfaces  
Manufacturer: DyneCraft  
Address: 5092 Tranquil Way, Unit 101, Oceanside, CA 92057, USA

General Information: + 1 714 785 8505

---

### 2. Hazards Identification

GHS Classification:

#### Health

Skin Corrosion/Irritation: Category 3 – Causes mild skin Irritation  
Acute Toxicity – Oral: Category 4 – Harmful if swallowed  
Eye Damage/Eye Irritation: Category 2B – Causes Eye Irritation



GHS Label Elements: **WARNING**

#### GHS HAZARD STATEMENTS

##### Health Hazard Statements

H316 – Causes mild skin irritation  
H302 – Harmful if swallowed  
H320 – Causes Eye Irritation

#### 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  
Continued...

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



## 2700 Degreaser Concentrate

## Safety Data Sheets

### 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

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

### Precautionary Statement – Disposal

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

---

### 3. Composition / Information on Ingredients

Ingredients	CAS Number	Percent by Weight
Sodium Metasilicate	6834-92-0	< 4.0
Water	7732-18-5	> 85.0

---

### 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.

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



## 2700 Degreaser Concentrate

## Safety Data Sheets

**Ingestion:** Do not induce vomiting. If conscious give 3-4 glasses of water to dilute and get immediate medical care. Treat for ingestion of laundry detergent (medium to high pH).

---

### 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 a 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.

**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 and indicated uses, 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.

---

### 6: Accidental Release Measures

For large and small spills; treat these degreasers as laundry detergent and soap liquids.

#### 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.

---

### 7. Handling and Storage

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



## 2700 Degreaser Concentrate

## Safety Data Sheets

### Handling

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Keep container closed.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking.

Remove contaminated clothing and clean before re-use.

### Storage

Keep away from heat and flame. Store indoors in a cool and dry space.

Store in tightly closed containers in cool, dry, well-ventilated area away from heat and incompatible chemical products such as acids.

Keep containers tightly closed and upright when not in use. Protect against physical damage.

---

### 8. Exposure Controls / Personal Protection

#### Exposure Limits

Component	Occupational Exposure Limit
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.

#### 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:

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



## 2700 Degreaser Concentrate

## Safety Data Sheets

Normally not required for ordinary and limited outdoor use under normal conditions,  
In misty or condensing atmospheres, use an approved particulate respirator if spraying large areas  
(Particulate Filter)

If exposure limits are exceeded, 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.

---

### 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:	11.0 – 11.5 as is (Reduces upon dilution)

---

### 10. Stability and Reactivity

Stability:	Stable in a wide range of practical use and storage temperatures See Storage Instructions, Section – 7
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.

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

**2700 Degreaser Concentrate****Safety Data Sheets****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.

<b>Acute Toxicity Values Ingredient</b>	<b>CAS Number</b>	<b>Acute Toxicity Data</b>
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 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

**12. Ecological Information**

<b>Ingredient</b>	<b>CAS Number</b>	<b>Data</b>
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

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

**2700 Degreaser Concentrate****Safety Data Sheets**

		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: Not regulated

Ground Transportation: Not regulated

Air Transportation: Not regulated

Water Transportation: Not regulated

---

**15. Regulatory Information**

U.S. Federal Regulations

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

Sodium Metasilicate: Not Listed under CERCLA

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

Clean Water Act (CWA):

Clean Air Act (CAA): This product does not contain any Chemicals that are considered Hazardous Air Pollutants.

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



## 2700 Degreaser Concentrate

## Safety Data Sheets

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

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.

---

### 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

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





## 2700 Degreaser Concentrate

## Safety Data Sheets

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.

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.

—  
End of SDS

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

**DyneCraft.com**

011321 A