

# Safety Data Sheet



**C K Enterprises, Inc.**  
1992 NW US 50 Highway  
Lone Jack, Missouri 64070  
(816) 524-1304

## Section 1. Chemical Product and Company Identification

**Product Name** Dyna 2401  
**Product Use** Alkaline Cleaner  
**Product Code** 8343  
**Date of Issue** 9/24/2020  
**Supersedes** 3/14/2018

### Emergency Telephone Numbers

**CHEMTREC- 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

**DANGER**



### Health Hazards

Acute Toxicity, Oral	Category 4
Skin Corrosion/Irritation	Category 2
Serious eye damage/ eye irritation	Category 1

### Precautionary Statements:

P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke while using this product
P280	Wear protective gloves, clothing and eye protection
P301+P312	IF SWALLOWED: call a poison center or physician if you feel unwell
P302+P352	IF ON SKIN: wash with plenty of soap and water
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 physician
P332+P313	IF skin irritation occurs: get medical advice/attention
P362	Remove contaminated clothing and wash before reuse
P501	Dispose of in accordance with all federal, state and local regulations

### Hazard Statements:

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation

### Routes of Entry      **Dermal, Oral, and Inhalation**

### Acute Effects:

<b>Eyes</b>	Results of exposure can range from irritation to serious eye damage. Severity of damage increases with duration of contact.
<b>Skin</b>	Results of exposure can cause rash-like symptoms.
<b>Inhalation</b>	Will cause severe irritation to respiratory tract.
<b>Ingestion</b>	Corrosive to the mucous membranes of the mouth, throat, esophagus, and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder.

**Section 3. Composition/Information on Ingredients**

<b>Name of Hazardous Ingredients</b>	<b>CAS Number</b>	<b>% by Weight</b>
2-butoxyethanol	111-76-2	5
Potassium Hydroxide	1310-58-3	<5
Sodium Metasilicate Pentahydrate	10213-79-3	3

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush eyes immediately with clean water for at least 15minutes. Seek immediate medical attention.
<b>Skin Contact</b>	If irritation occurs, flush with plenty of water and wash with soap. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation continues.
<b>Inhalation</b>	Remove person to fresh air. Begin CPR if breathing has stopped, and seek medical attention immediately
<b>Ingestion</b>	Do not induce vomiting. If conscious, give several glasses of water or milk.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A)  
(estimated rating)



<b>Hazardous Combustion Products</b>	None known
<b>Extinguishing Media</b>	None needed
<b>Unsuitable Extinguishing Media</b>	N/A
<b>Fire Fighting Procedures</b>	Any method applicable to surrounding fire.

**Section 6. Accidental Release Measures**

<b>Spill Clean Up</b>	All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water. Slippery material, flush small spills to closest drain with plenty of water.
-----------------------	---

**Section 7. Handling and Storage**

<b>Handling and Storage</b>	Take safety precautions when handling material. Keep out of the reach of children. Keep away from unauthorized personnel. Have eyewash accessible to use in handling area. Keep container tightly closed when not in use. Store in a cool dry place. Do not store near acidic material. Keep at room temperature.
-----------------------------	---

**Section 8. Exposure Controls/Personal Protection****Exposure Limits**

<b>Product Name</b>	<b>OSHA PEL</b>	<b>NIOSH REL</b>	<b>AIHA WEEL</b>	<b>ACGIH TLV</b>
2-butoxyethanol (111-76-2)	50ppm	5ppm	-	20ppm
Potassium Hydroxide (1310-58-3)	-	2mg/m <sup>3</sup>	-	2mg/m <sup>3</sup>

<b>Engineering Controls</b>	Use in well-ventilated area. Wear NIOSH approved respirator if exposure limits are exceeded or local ventilation is poor.
-----------------------------	---



**Personal Protective Equipment (PPE)**

**Eyes** Safety glasses or chemical splash goggles are recommended  
**Body** Rubber aprons and gloves are recommended when handling this product.  
**Respiratory** Not required with adequate ventilation.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Explosive Limits</b>	Not determined
<b>Color</b>	Purple	<b>Vapor Pressure</b>	Not determined
<b>Odor</b>	Citrus	<b>Vapor Density</b>	Not determined
<b>Odor Threshold</b>	Not determined	<b>Relative Density</b>	Not determined
<b>pH</b>	13-13.5	<b>Solubility</b>	Complete in Water
<b>Freezing Point</b>	Not determined	<b>Partition Coefficient</b>	Not determined
<b>Boiling Point</b>	Not determined	<b>Auto-Ignition Temp.</b>	Not determined
<b>Flash Point</b>	Not determined	<b>Decomposition Temp.</b>	Not determined
<b>Evaporation Rate</b>	Not determined	<b>Viscosity</b>	Not applicable
<b>Flammability</b>	Not determined	<b>Specific Gravity</b>	1.08-1.1

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	Stable
<b>Incompatibility</b>	Strong oxidizing agents and strong acids
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	None known
<b>Conditions to Avoid</b>	High temperatures

**Section 11. Toxicological Information**

<b>Routes of Entry</b>	Dermal, Oral, and Inhalation
<b>Symptoms</b>	Slight irritation. Symptoms increase in severity with prolonged contact. Ingestion can cause corrosion.
<b>Skin Irritant</b>	Yes
<b>Eye Irritant</b>	Yes
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	2-butoxyethanol (111-6-2): IARC Group 3 (not classifiable as a human carcinogen)
<b>Reproductive Toxicity</b>	No information found
<b>Target Organs</b>	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

**Acute Toxicity**

Test	Results	Basis
<b>Dermal</b>	3,062mg/kg	ATE determined beyond Category 4
<b>Oral</b>	1,043mg/kg	ATE determined Category 4
<b>Inhalation</b>	No info available	

**Section 12. Ecological Information**

**Environmental Effects** No environmental information available.

**Section 13. Disposal Considerations**

**Waste Information** Check with Federal, State, and Local authorities for regulations regarding the disposal of RCRA Hazardous Waste.

**Section 14. Transportation Information**

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1814	Potassium Hydroxide Solution	8	PGII	Corrosive

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

**Section 15. Regulatory Information**

**US Federal Regulations** The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

2-butoxyethanol	111-76-2	5%
-----------------	----------	----

The following substances have CERCLA reportable quantity values (in pounds):

<b>Potassium Hydroxide</b>	<b>1310-58-3</b>	<b>1,000</b>
----------------------------	------------------	--------------

**State Regulations** None

**Section 16. Other Information**

**Last Revision** 9/24/2020

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.