

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Dyna 2601
Product Use Synthetic Detergents and Alkalis
Product Code 2171-B4
Date of Issue 7/1/2016
Supersedes 12/29/2015

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

WARNING



Health Hazards

Skin Corrosion/Irritation

Category 2

Serious eye damage/ eye irritation

Category 2A

Precautionary Statements:

P264 Wash hands thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.
P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Hazard Statements:

H315 Causes skin irritation

H319 Causes serious eye irritation

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Causes irritation or eye damage depending on duration of contact
Skin Prolonged or repeated contact may cause irritation and drying of the skin
Inhalation Can cause irritation to the nose and throat
Ingestion Nausea, vomiting and possible damage to mucous membranes

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
2-butoxyethanol	111-76-2	<15
Isopropyl Alcohol	67-63-0	<10
Lauryl Amine Oxide	-	<3
Nonylphenol Ethoxylated	9016-45-9	<40

Section 4. First Aid Measures

Eye Contact Flush immediately with clean water or 15 minutes. Get medical attention if discomfort persists.

Skin Contact If irritation occurs, flush with plenty of clean water. Seek medical attention if a rash occurs or if irritation persists.

Inhalation Remove person to fresh air.

Ingestion Seek immediate medical attention. Give several glasses of water. Never give anything to an unconscious person orally. Do not induce vomiting.

Section 5. Fire Fighting Measures

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



Hazardous Combustion Products None

Extinguishing Media Water, foam, dry chemical, CO₂

Unsuitable Extinguishing Media N/A

Fire Fighting Procedures Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up 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.

Section 7. Handling and Storage

Handling and Storage Store in a cool, dry area. Protect from freezing. Keep container tightly closed when not in use. Keep out of the reach of children.

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

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
2-butoxyethanol (111-76-2)	50ppm	5ppm	-	20ppm
Isopropyl Alcohol (67-63-0)	400ppm	400ppm	-	200ppm

Engineering Controls Use with adequate local ventilation

**Personal Protective Equipment (PPE)**

Eyes Safety glasses or chemical splash goggles

Body Rubber or neoprene gloves. Use protective clothing as needed to prevent contact.

Respiratory Not normally required. Use a NIOSH approved respirator if TLV are reached or exceeded.

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Dark red	Vapor Pressure	N/A
Odor	Bubblegum scent	Vapor Density	1.2
Odor Threshold	N/A	Relative Density	N/A
pH	2.0-5.0	Solubility	Soluble
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	212°F	Auto-Ignition Temp.	N/A

Flash Point N/A
 Evaporation Rate <1
 Flammability N/A

Decomposition Temp. N/A
 Viscosity N/A
 Specific Gravity 1.005-1.025

Section 10. Stability and Reactivity

Stability and Reactivity Stable
 Incompatibility Strong acids
 Hazardous Polymerization Will not occur
 Hazardous Decomposition Products None
 Conditions to Avoid N/A

Section 11. Toxicological Information

Routes of Entry Dermal, oral and inhalation
 Symptoms Irritation
 Skin Irritant Yes
 Eye Irritant Yes
 Sensitizers Not determined
 Mutagenicity No information found
 Carcinogenicity Group 3 (IARC): 2-butoxyethanol (111-76-2) (not classifiable as a human carcinogen)
 Group 3 (IARC): Isopropyl Alcohol (67-63-0) (not classifiable as a human carcinogen)
 Reproductive Toxicity No information found
 Target Organs 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
Dermal	3,764 mg/kg	ATE determined beyond Category 4
Oral	3,161 mg/kg	ATE determined beyond Category 4
Inhalation	5.43 mg/l	ATE determined beyond Category 4

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	Not regulated				

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	<15%
	Isopropyl Alcohol	67-63-0	<10%

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

None

State Regulations

None

Section 16. Other Information

Last Revision 7/1/2016

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.