

UNION PACIFIC RAILROAD		RECEIVED BY		DATE	
U.S. Chemical Corporation		D. S. Jones		12-20-79	
315 East Street		Quality Assurance Manager		Product Information: 1-800-358-9566	
Waco, Texas 76798 USA		Product Information: 1-800-358-9566		Product Information: 1-800-358-9566	
Waco, Texas 76798 USA		Product Information: 1-800-358-9566		Product Information: 1-800-358-9566	
Medical Department, CMT, 1-800-358-9566		Product Information: 1-800-358-9566		Product Information: 1-800-358-9566	

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME		ACID D-LIME	
PRODUCT DESCRIPTION		Lime (acid battery)	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	
Lime (acid battery)		Proprietary blend	

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT		3,110	
M.P.		N/A	
VAPOR PRESSURE (mm Hg)		N/A	
M.P.		N/A	
VAPOR DENSITY (AIR = 1)		N/A	
M.P.		N/A	
OTHER		Non-Volatile, Clear Solution.	

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS		OSHA	
IDENTIFY NAME		N/A	
Orthophosphoric Acid		1 mg/m ³	
OSHA Registry Number 7664-38-2		TWA	
Hydrochloric Acid		5 ppm	
OSHA Registry Number 7647-01-0		Ceiling Limit	

This product contains no other ingredients considered hazardous according to the criteria of 29 CFR 1910.1200, OSHA. However, this product contains chemicals which may be subject to reporting requirements according to the criteria of 29 CFR 1910.1200, OSHA, Part 370, Section 313. This product also contains chemicals which may be subject to reporting requirements according to the criteria of 29 CFR 1910.1200, OSHA, Part 371, Section 313.

STATE RIGHT TO KNOW INFORMATION
THIS PRODUCT CONTAINS: WATER/7732-18-5, PHOSPHORIC ACID/7664-38-2, HYDROCHLORIC ACID/7647-01-0
FOOD/2000/9903-11-6

HAZARD: Health-3/Flammability-0/Reactivity-0
HAZARD: Health-3/Flammability-0/Reactivity-1
HAZARD: Health-3/Flammability-0/Reactivity-1

HAZARD: Health-3/Flammability-0/Reactivity-0
HAZARD: Health-3/Flammability-0/Reactivity-1
HAZARD: Health-3/Flammability-0/Reactivity-1

CONTINUED IN SECTION 5 TO 8

SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	
Wear full-face protective equipment to prevent skin contact.		Eyes	

SECTION 6 - HEALTH HAZARD DATA

Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	
Irritation		Corrosive. Irritation of skin may cause irritation to nose, throat and mucous membranes.	

SECTION 7 - PHYSICAL HAZARD DATA

Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	
Flammability		LSD - N/A.	

SECTION 8 - EMERGENCY RESPONSE DATA

First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	
First Aid		Inhalation: Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.	

THE DATA IN THIS MATERIAL SAFETY DATA SHEET IS BASED ON THE INFORMATION PROVIDED BY THE MANUFACTURER. THE MANUFACTURER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AND ASSUMES NO LIABILITY FOR FAILURE TO FOLLOW PRECAUTIONS AND SAFETY PRECAUTIONS.