

*Cactus
Jack's*

"DUZ ALL"
THE "MEANER CLEANER"



MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard
(29CFR 1910.1200)

Section 1. IDENTIFICATION OF PRODUCT

Manufacture: Cactus Jack's Marketing Corporation
Address: P. O. Box 882, Ames, Iowa 50010
Emergency Phone Number: (515) 292-8321
Product Name: **Duz All-The Meaner Cleaner**
Chemical Name: Mixture

Section 2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Percent</u>
Nonylphenol Ethoxylate	127087-87-0	NE	NE	< 2.0
2, Butoxy Ethanol	111-76-2	25 ppm	25 ppm	< 2.0
Sodium Hydroxide	1310-73-2	2 mg/m3	2 mg/m3	< 1.5
Sodium Silicate	1344-09-8	NE	NE	< 2.0
D-Limonene	5989-27-5	NE	NE	< 2.0

NE - Not Established

Section 3. PHYSICAL DATA

Boiling Point.....: 212 Deg. F
Vapor Density.....: < 1 (Air = 1)
Vapor Pressure.....: 234 mm of Hg @ 70 Deg. F
Specific Gravity.....: 1.015 @ 77 Deg. F
Solubility in Water.....: Complete
Appearance and Odor.....: Clear liquid and citrus odor

Section 4. FIRE & EXPLOSION DATA

Flash point.....: None
Autoignition Temperature: Non-flammable
Extinguishing Media.....: This product is not combustible.
Water spray, foam, carbon dioxide or
dry chemical may be used where this
product is stored.

Special Fire Fighting
Procedures.....: None

Section 5.

REACTIVITY DATA

Stability.....: Stable
Conditions to Avoid.....: None
Hazardous Decomposition Products...: None Known

Section 6.

HEALTH HAZARDS DATA

Routes of Entry	Inhalation?	Skin?	Ingestion?
	yes	yes	possible but not probable
Carcinogenicity:	NTP? no	IARC? no	OSHA? no

Eye: Liquid may cause moderate irritation.

Skin Contact: Prolonged or repeated exposure may cause slight skin irritation.

Skin Absorption: Prolonged exposure may result in the material being absorbed through the skin.

Ingestion: Small amounts swallowed incidental to normal handling are not likely to cause injury, however, swallowing larger amounts may cause throat and stomach irritation.

Inhalation: The major hazardous ingredients are not volatile, therefore, inhalation of the vapors should be harmless.

Section 7.

FIRST AID

Eyes: Irrigate with flowing water for 15 minutes. If irritation persists, get medical attention.

Skin: Wash with soap and water.

Ingestion: Never give anything by mouth to an unconscious person. Immediately dilute by drinking large quantities of water. If available give several glasses of milk. Do not induce vomiting. Get medical attention.

Section 8.

SPILL OR LEAK PROCEDURES

If material is spilled or released: Material should be mopped up and flushed to the sewer with plenty of water.

This Material Safety Data Sheet was prepared on Nov. 7, 1991

While we believe that the data contained herein is factual and the opinion expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

REPORT

SPECIAL

*Cactus
Jack's*

"DUZ ALL"
THE "MEANER CLEANER"



"Cleaning Facts"

Windows:

This Product is an excellent window cleaner when used properly.
IMPORTANT - Smudging will occur if too much chemical is used.
1/2 ounce (2 caps) to a 32-ounce bottle is all that is necessary.

Proper Cleaning Tools:

As in any project, yes, you must use good materials; but equally important are your tools.

- A. Clean terrycloth towels
- B. Scotch Brite pad - after applying Duz All to hard surface buildup, i.e. scuff marks, dried tar, surface crud or rust, etc., allow product to work 15-30 seconds. Then apply light rubbing with the Scotch Brite pad.
- C. Medium bristle brush - Duz All will remove the toughest of carpet stains, but must be used with the proper tools.
 - 1. Apply Duz All to the stain and allow to react for 30 seconds to 1 minute.
 - 2. With a brush work Duz All into the spot, allowing the product to get to the soiled area.
 - 3. Rub stain briskly with a clean terry cloth towel.

NOTE: It may be necessary to reapply the above procedure two or more times, depending on the type of stain and the length of its existence.

Cactus Jack's

LABC TORY TEST RESULTS

Color	Neutral
Odor	Mild
Total Solids	(3 hrs/at 105° C) 13.4 (+) 2
pH (Cone)	13.3 (+) 2
pH (1% soln.)	10.6
Hard Water Performance	3-50 (500ppm CaCO ₃)
Flash Point	None (Tested to 212° F COC)
Cloud Point	at 40° F Stable
Density	at 140° F Stable
Surface Tension - 1 % Aqueous Solution	8.9 LB/GAL. at 70° F
Total Alkalinity as Na2O	34.4
Total Phosphates as P2O5	3.87 %
Total Carbonates - Bicarbonates as CO ₂	1.7 %
Total Borates as B2O3	none
Total Sulfates as SO4	none
Phenolic Material	none
Chromates, Bichromates	none

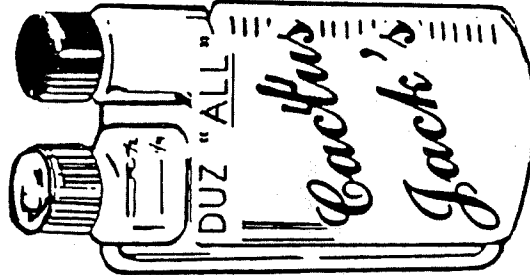
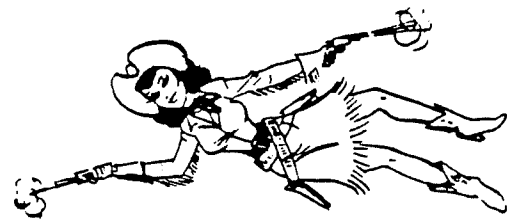
HIGH PRESSURE SPRAYERS & STEAM CLEANERS

DUZ-ALL! is an ideal product for high-pressure or steam cleaning applications, DUZ-ALL! will keep nozzles clean and free from corrosion. Maintenance and down time are greatly reduced. In spray application, either hot or cold water may be used. The higher a water temperature, the lighter the mixture requires. The following chart is a guideline to recommended dilutions.

PRESSURE	WATER TEMP.	DILUTION
150-300 PSI	Cold	1-50
	100°F - 130° F	
500-800 PSI	Cold	1-100
	100° F - 130° F	1-250
1000 PSI	Cold	1-200
	100° F - 130° F	1-400

Does improved quality at a lower cost excite you?
 Could you effect cost reduction by using one present product instead of many?
 Do storage problems with your present product create unnecessary expenditures?
 If your answer to any, or all of these questions are in the affirmative, our representative would like the opportunity to demonstrate our product and prove our claims. Our representative and our company would be pleased to aid you in implementing DUZ-ALL! throughout your plant.
 Would you like to reduce your lost time and increase effectiveness???

- Fish Odors
- Shampoo Carpeting
- Frying Vats
- Gum Removal
- Grill Cleaner
- Wall Cleaner
- Boat Cleaner
- Tile Cleaner
- Pewter Cleaner
- Carport Cleaner
- Luggage Cleaner
- Ceramic Cleaner
- Terrazzo Cleaner
- Eye Glass Cleaner
- Aluminum Cleaner
- Woodwork Cleaner
- Plexiglass Cleaner
- Pot & Pan Cleaner
- Automobile (Exterior)
- Paint Roller Cleaner
- Hard Surface Flooring
- Light Fixture Cleaning
- Vinyl Automobile Seats
- Vinyl Automobile Roofs
- Freezer & Refrigerator
- Kitchen Cabinet Cleaner
- Varnished Wood Surfaces
- Janitor's Wood Surfaces
- Window & Mirror Cleaning
- Camping Equipment Cleaning
- Milking Equipment Cleaning
- Outdoor Furniture Cleaning
- Radiator Rust Prevention
- Sink Drains & Toilet Bowls
- Appliance Cleaning (Exterior)
- White Sidewall Cleaner (Tires)
- Mobile Home Cleaning (Exterior)
- Clothes Spotting Prior to Washing
- Filter (Air Conditioner for car & trucks)
- Mildew & Mold Remover



2 OZ. TO 1 QUART WATER - HEAVY

- Dye
- Oil
- Grease
- Wine
- Ovens
- Engines
- Machinery
- Boat Hulls
- Mildew Removal
- Furniture, Tile, Walls, etc.
- Paint
- Rust
- Over Spray
- Old Paint
- Road Tar
- Scuff Marks
- Candle Wax
- Glue
- Ink

1-1 1/2 OZ. TO 1 QUART WATER - MEDIUM

- Porcelain
- Tile
- Fiberglass
- Linoleum
- Degreasing
- Paint on Hands
- Vinyl Tops
- Boat Interiors
- Indoor-Outdoor Carpet
- Tents
- Sleeping Bags
- Road Film
- Whitewall Tires
- Dry Epoxy
- Crayon Marks
- Convertible Tops
- Typewriters
- Adding Machines

1 OZ. TO 1 QUART WATER - LIGHT

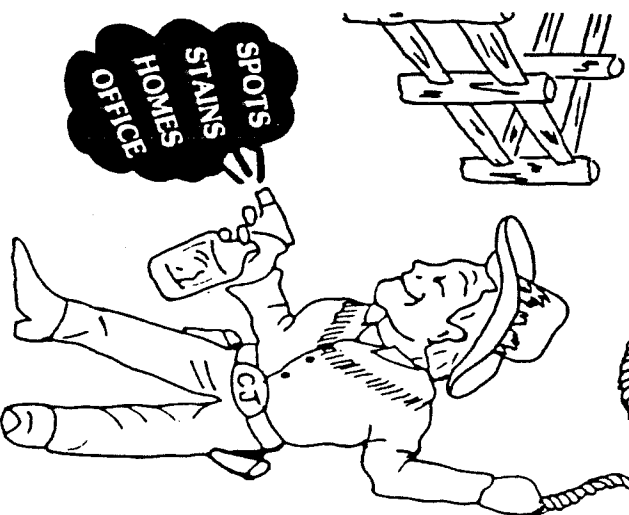
- Plastic
- Chrome
- Furniture
- Glass
- Door Frames
- Paneling
- Defog Glass
- Equipment
- Floor Cleaning
- Pet Stains
- Walls
- Woodwork
- Windows
- Appliances
- Floors
- Counters
- Carpets
- Upholstery

TEST ALL FABRICS FOR COLOR-FASTNESS BEFORE USING THIS PRODUCT
GUARANTEED SAFE
WHEN USED PROPERLY

Use Clean Dry Terry Cloth For Best Results

Meets OSHA Recommendations

Cactus Jack's
"DUZ-ALL"



THE "MEANER CLEANER"™

"INDUSTRIAL STRENGTH"

CACTUS JACK DISTRIBUTING CO.

RR 1 BOX 33
CLAREMONT MN 55924
PHONE 1-507-528-2577

David Payne (605) 955-6466

QTY. SIZE

PRODUCT SPECIFICATIONS
DUZ-ALL is a liquid, 97-soluble, biodegradable concentrate. It is non-toxic, non-flammable, non-corrosive, and rust-inhibited. It may be used safely on all metals, both ferrous and non-ferrous. Although differing in chemical composition, it can replace most products used in cleaning, degreasing, forming and preparing product for finishing. It is stable in long time storage and is not damaged by freezing.

PLANT AND EQUIPMENT CLEAN-UP

For plant and equipment maintenance DUZ-ALL offers faster, better operation with much greater versatility and lower cost. This one product will replace the many normally used today. For equipment cleaning, we recommend a 1-32 mixture

PRICE

This can be strengthened or weakened as necessary, but in most applications this mixture will out-perform most products currently used with safety and economy. For floor scrubbing machines, a 1-64 mixture will amaze the maintenance personnel.

SPRAY TYPE PARTS WASHER

For real economy and an appreciable improvement in quality, replace your present cleaning product with DUZ-ALL at dilutions of 1-60, heated to approximately 150° F with a spray pressure in the vicinity of 20 PSI. This will clean preservative oils, light unpigmented drawing compound, milling oils, light mill scale, etc. from your parts. No rinsing is required (or desired) using DUZ-ALL! This lets you operate with only one stage, replacing your current operations. This saves heat, water, etc. Parts cleaned in DUZ-ALL! solution are ready for painting. A light phosphatizing compound remains on the surface and the surface is thoroughly clean. The quality of the paint bond will surprise you. We suggest a salt-spray or immersion test to verify our claims. For a rapid check you can try the paint stripping test. Parts cleaned in a DUZ-ALL! washer will not rust for 7-15 days, depending on temperature and humidity.

HEATED DIP TANKS

DUZ-ALL! at 1-20 in a tank heated to 160° F - 180° F replaces the products you are currently using. The products that may be replaced range from caustics to acid for submerging systems

RE-ORDER:

Bottles Available \$2.00 Each

1/2 Gallon.....	\$ 39.95
1 Gallon.....	\$ 69.95
2 1/2 Gallon.....	\$ 99.95
Case.....	\$149.95
5 Gallon.....	\$149.95
55 Gallon.....	\$799.95

CACTUS JACK DISTRIBUTING CO.
RR 1 BOX 33
CLAREMONT MN 55924
PHONE 1-507-528-2577

S. LES AGENT

TELEPHONE

CITY, STATE, ZIP

STREET ADDRESS

COMPANY NAME

PURCHASING AGENT

SHIP TO: