



EM-CITRO[®] EMULSION DEGREASER

CONCENTRATE TECHNICAL DATA SHEET



Registration No. I38551
Category Code C1

FEATURES

- High performance, concentrated, citrus degreaser quickly removes tar, grease, and oily grime
- High flash point (>140°F)
- Can be used straight or diluted with water
- Fast penetrating action
- Does not contain hazardous chlorinated solvents
- VOC compliant per SCAQMD when diluted 1:32 with water (4 oz. per gallon)

PACKAGES

Net Fill	Part No.
1 gal. (3.78 liters) container	02801
5 gal. (18.93 liters) pail	02805
55 gal. (208 liters) drum	02855

APPLICATIONS

- Degreasing industrial parts and manufacturing equipment
- Removing heavy accumulations of grease from chains and cables
- Removing tars, adhesives, mastics and glues
- Cleaning printing presses, pulleys, diesel engines, gears, etc.
- May be used in parts washers

PROPERTIES

Appearance/Physical State:

Clear liquid

Boiling/Condensation point:

>302°F (150°C) @ 760 mmHG

Chemical Base:

Petroleum distillates/ d-Limonene

Color:

Colorless, (milky when diluted)

Evaporation Rate:

0.15 (Butyl Acetate=1)

Flammable Limits (estimated):

Lower: 0.7%
Upper: 6%

Flash Point:

145°F (62°C) TCC

KB Value:

56

Odor:

Mild, orange

pH:

6 – 7 @ dilution

SARA Title III, Sect. 313 Chemicals:

None

Solubility in Water:

100%

Specific Gravity (water=1):

0.83 – 0.84 @ 68°F (20°C)

Vapor Density (air=1):

4.8

Vapor Pressure:

<5 mmHg @20°C

V.O.C.:

EPA/CARB/OTC	SCAQMD(1:32)
180 g/L	24.5g/L
1.5 lbs/gal.	0.20 lbs/gal.
22%	2.94%

DILUTION INSTRUCTIONS

EM-CITRO	WATER	EQUIPMENT	APPLICATIONS
1	5	Vats, pump sprayers, parts washers, buckets, spray bottles	Spot cleaning and degreasing of equipment, floors, parts, machinery, motors, forklifts, stamping tools, etc.
1	6-22	Buckets, spray bottles, parts washers, and pump sprayers	Light to medium duty degreasing of metals, parts and equipment. Dilution depends upon soil severity.
1	23-31	Buckets, spray bottles, parts washers, and pump sprayers	Economical dilution for routine degreasing and grime removal in moderately soiled environments. May be used on some sensitive parts – test first.
PER SCAQMD RULE 1171			
1	32	Buckets, spray bottles, and pump sprayers	Most economical dilution. Good for light duty degreasing of metals, plastics, motors and sensitive parts. VOC compliant per SCAQMD Rule 1171.



EM-CITRO[®] EMULSION DEGREASER

AEROSOL TECHNICAL DATA SHEET



FEATURES

- Heavy-duty, citrus-based, aerosol degreaser that quickly removes oil/grease, tar, and grime from metal parts & equipment
- High delivery spray enhances & accelerates soil removal
- Wipe dry or rinse with water – product/soil emulsifies and is removed easily by a strong stream of fresh water
- Meets VOC regulations under CARB & the Ozone Transport Commission
- Neutral pH with no caustics, acids, chlorinated solvents, alcohols, or ozone depleting solvents
- Safe on most surfaces
- Low foam viscous liquid enhances contact time by clinging to the soil & surface



Registration No. I38552
Category Code C1

PACKAGE

Net Fill

16 oz. (454 grams) aerosol

Part No.

02820

APPLICATIONS

- Degrease industrial metal parts and equipment
- Hinges and fittings
- Spot cleaning of automotive parts
- Degreasing of chains, pulleys, and wire ropes
- Remove residues of mastics, glue, and adhesives
- Effective on tar and asphalt residues
- Removes food grease and grime from dumpsters and garbage handling equipment
- Degreasing tools, work areas, and benches

PROPERTIES

Appearance/Physical State:

Milky, slightly viscous liquid

Boiling/Condensation point:

>212°F (100°C) @760 mmHg

Chemical Base:

Solvent/water emulsion

Color:

White

Evaporation Rate:

1 (water =1)

Flash Point:

68°F (20°C) TCC

Odor:

Mild citrus

pH:

6.5 – 7.0

SARA Title III, Sect. 313 Chemicals:

None

Solubility in Water:

100%

Specific Gravity (water=1):

0.88 – 0.90 @ 68°F (20°C)

Vapor Density (air=1):

~ 6.0

Vapor Pressure:

<5 mmHg @20°C

V.O.C.:

48%

429 g/L

Directions: Shake before using. Spray onto surface with a sweeping motion to lift and flush away soils.

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE: WWW.LPSLABS.COM

LPS Laboratories • An Illinois Tool Works Company

P.O. Box 105052 • 4647 Hugh Howell Road • Tucker, GA 30085-5052 • TEL: (800) 241-8334 or (770) 243-8800 • FAX: (800) 543-1563 or (770) 243-8899

Internet Web Site: www.lpslabs.com

©2006 LPS Laboratories • LPS® is a registered trademark of Illinois Tool Works • Printed in U.S.A. • All Rights Reserved • Form #2216 • Rev. 6/2008