Simpler, Safer Cleaning Solutions

Brute Super Concentrate
Heavy-Duty Power Stripper
Product Number 121008-55

Product Description: - A liquid, heavy-duty, low foaming, power stripper with a typical use-solution pH of 12.8. Designed for one-pass removal of floor polish subjected to repeated high-speed burnishing.

When packaged > 0.3gal (1L) must ship as DOT Hazardous, UN1760, Corrosive Liquid N.O.S. (Ethanolamine, Potassium Hydroxide), 8, PGII. Requires UN specification packaging and use of Corrosive Diamonds and Proper shipping name for DOT markings.

BLENDING DIRECTIONS:

To make 100 gallons of heavy duty stripper.

• If mixing by weight, add 331.4 lbs of Brute Super Concentrate to 490.6 lbs of water.

• If mixing by volume, add 42.5 gallons of Brute Super Concentrate to 58.9 gallons of water.

EPA Registration required:	No
Brulin Brand Name of Finished Product:	**Brute**
End-User Dilution Rate of Finished Product:	32 fl oz. of stripper with one gallon of water for regular use (1:4) 64 fl oz. of stripper with one gallon of water for heavy-duty use (1:2)
Packaging for Finished Product:	4 gallons/case, 5 gallon pails or 2 x 2.5 gallons/case

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Specifications
Brute Super Concentrate and Dilutions

Typical Physical and Chemical Specifications for the Manufacturing Intermediate and Dilutions:

Brute Super Concentrate

Physical Form:	Liquid
Color:	Yellow Green
Odor:	Citrus
Specific Gravity:	0.936 at 25°C
Biodegradable:	Yes
Phosphate Free:	Yes
Flash Point:	145°F (PMCC) minimum
Boiling Point:	340°F
Foaming Tendency:	Low
pH:	14 ± .5

Heavy-Duty Stripper

Physical Form:	Liquid
Color:	Yellow Green
Odor:	Mild citrus
Specific Gravity:	0.986 at 25°C

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Biodegradable:	Yes
Phosphate Free:	Yes
Flash Point:	>200°F (PMCC)
Boiling Point:	>212°F
Foaming Tendency:	Low
pH of Stripper:	12.8 ± 0.2
pH of Use Dilution:	11.7 ± 0.2 @ 20%
Total Actives:	39% ± 1%
Effect of Working Solution:	Safe on vinyl, composition, on material surfaces, and ceramic tile
Coverage:	250 sq. ft. per gallon of use solution

GHS Health Hazard Classification:

1. Brute Super Concentrate: Combustible liquid, Corrosive to Eyes and Skin; Acute Oral Toxicity (Harmful if swallowed), Acute Inhalation Toxicity (Harmful if Inhaled), Respiratory Tract Irritation, Skin Sensitizer

2. Heavy-Duty Stripper: Corrosive to Eyes and Skin, Respiratory Tract Irritation, Skin Sensitizer

3. Use Dilution: Serious Eye Irritation, Skin Irritation, Skin Sensitizer

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Dilution % by weight		
		% wt
Brute Super Concentrate		40.3200
Softened Water		59.6800
		lbs/gal
Floor Stripper		8.22
Brute Super Concentrate		7.79

Blending Chart to produce Quantities of Floor Stripper from Brute Super Concentrate

Total Gallons of Finished Product	Brute Super Concentrate		Softened Water	
Heavy-Duty Stripper	LBS	Gallons	LBS	Gallons
50	165.7	21.3	245.3	29.4
100	331.4	42.5	490.6	58.9
200	662.9	85.1	981.1	117.8
300	994.3	127.6	1471.7	176.7
400	1325.7	170.2	1962.3	235.6
500	1657.2	212.7	2452.8	294.5
600	1988.6	255.3	2943.4	353.4
700	2320.0	297.8	3434.0	412.2
800	2651.4	340.4	3924.6	471.1
900	2982.9	382.9	4415.1	530.0
1000	3314.3	425.5	4905.7	588.9
1500	4971.5	638.2	7358.5	883.4
2000	6628.6	850.9	9811.4	1177.8
2500	8285.8	1063.6	12264.2	1472.3
3000	9942.9	1276.4	14717.1	1766.8