CLEAN SAFE #100

Advanced all surface & parts degreaser.

CLEAN SAFE 100 is a water-based surface cleaner and degreaser for use on all surfaces. Provides exceptional surface soil penetration, lifting difficult residues and easily dispersing them. SOAK TANK CLEANER & EXCELLENT FLASH RUST CONTROL

CLEAN SAFE 100 contains safe detergents which are superb grease and oil cutters and removers. And BIODEGRADABLE. “Free of caustics and hydrocarbon solvent materials” SAFER.

CLEAN SAFE 100 can be used for all surfaces and with all types of equipment and application methods. Floor scrubbers, power washers, pressure washers, bucket and brush and squirt bottles AND SOAK TANKS.

Features & Benefits

- Extremely low use cost.
- Moderate PH for safety to employees
- Can be diluted with water at a rate if up to 40 parts water to Clean Safe 100 (40 : 1 would be used for light duty cleaning)
- Highly Economical to use, low cost.
- Employees enjoy using Safe Clean 100 due to its fresh scent, mildness to skin.
- Can be automatically metered or diluted using feeders, Dema type mixers or ratio type mixing units.

Physical Data

pH	8.9~
Product Type	Liquid
Spec. Gravity	1.05
Lbs./gal.	8.76
Foam (0=Low; 9=High)	5
Shelf Life	10 years
Freeze Information	Not damaged by freezing

Typical Processing

1. Dilute CLEAN SAFE 100 with water at a rate determined by testing on the surface. and residue. Apply to surface, allow short soaking and apply brushing when necessary.
2. Rinse surfaces well with fresh water or simply dry with towel.
3. Do not allow surfaces to “dry down” to minimize streaking.
4. Can also be used in soak tank, dripping tanks for washing parts.

   Floor Scrubbers:10:1 Up to 50:1
   Steam or Power Washer: 10:1 up to 50:1

Packaging

Container Type	Poly
Net Units	482
Tare Wt.	25
Gross Wt.	507
DOT_Name	Not regulated by DOT Not subject to IATA Regulations for Air
DOT Hazard	Not regulated
Tariff ID	

Use Parameters

Concentration Range	¼-25% by volume
Temperature Range	Cool up to 140 F.
Time Range	As Necessary
Agitation	As Desired

Waste Disposal

Remove fats, oils and grease or contact local POTW

Holding Tank Materials of Construction

Steel, stainless or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

Testing, Operating & Trouble Shooting Data

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ADVANCED ALL SURFACE & PARTS DEGREASER

Reflectance Chart
10% = 2.0
5% = 1.0
2.5% = 0.5

Total Alkalinity Titration:
Take A 20 Ml Sample, Add Total Alkalinity Indicator
Titrate With 0.1 N Acid Until The Color Changes Permanently.
The # Of Mls Required Multiplied By Factor Of 2 = % By Volume.

Free Alkalinity Dropper:
Take A 20 Ml Sample, Add Total Alkalinity Indicator
Add Drop By Drop Of 1.0n Acid Until The Color Changes From Blue To Yellowish/green.
The # Of Drops Required = % By Volume.

Bath Control Refractance/contaminants Ratio: (target <2.0)
1) Multiply The % Concentration By A Refract Factor Of .20(% Concentration Determined From Free Alk Factor Above)
2) Record Results As R1= Target Refractance
3) Take A Refractance Reading Of The Bath. Record The Number As R2 .
A Refractance R2 Number Over The (r1)target Refractance Number = Level Of Contaminants.
3) Formula: R2 = Refractance/contaminant Ratio: Target < 2
R1
Example: A 5% Solution Of Clean Safe
Target Refract (r1) = 1.0 (5 X .20 Factor)
Refractance Of Bath (r2) = 2.2
R2 Divided By R1 = 2.2 Ref/cont. Ratio

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136].