

Skye Chem Green Clean - *Technical Data Sheet*

SKYE CHEM GREEN CLEAN Degreaser Concentrate

Generic Description

- ◆ Excellent water wetting and solids carrying capacity.
- ◆ Non-emulsifying – simplifies disposal, and some solutions may be re-used.
- ◆ Water based.
- ◆ Non-flammable.
- ◆ Low toxicity.
- ◆ Alkaline solution – reduces the release of H₂S and the creation of polythionic acids.
Non-damaging to coatings, paint, nylon and rubber.
- ◆ Contains no inorganic phosphates
- ◆ Excellent Freeze thaw stability

General Information

Skye Chem Green Clean is a specialized blend of surfactants and solvents designed to aid in the removal of hydrocarbon fouling from process equipment and vessels.

Skye Chem Green Clean is a water-based alternative to solvent based degreasers, and was created to be a low toxicity, non-flammable and effective on even heavy hydrocarbon fouling. **Skye Chem Green Clean** is a concentrate and should be diluted prior to use.

Suggested Formulation

Skye Chem Green Clean should be mixed with water, or alkaline solutions at concentrations ranging from 10 - 50 percent to form a cleaning solution. It can be applied using standard cleaning industry techniques including spraying, cascading, or circulating.

Typical Physical Properties

FORM:	Yellow To Water White Liquid
SPECIFIC GRAVITY:	1.04 at 15.5°C
FLASH POINT: °C (TCC)	None
pH:	10.1
FREEZE POINT:	-10°C
IONIC CHARACTER:	Anionic

Application Information

The cleaning solution is typically applied at temperatures ranging from 5 to 90°C and circulated for several hours until all of the hydrocarbons have been removed and carried in the cleaning solution. Circulation is then stopped and the cleaning solution stands idle to allow the hydrocarbons and solids to separate out of the solution. The hydrocarbons can be recovered and the remaining solution can be sent to a facility's water treatment unit, to a disposal facility, or in some circumstances re-used.

Skye Chem Green Clean can be applied diluted 1:1 with water directly to the fouled surfaces and allowed to soak prior to rinsing.

Skye Chem Green Clean is an excellent cleaning agent for use with industrial ultrasonic baths. It must be diluted 1:1 with water prior to application to ensure best results. It improves penetration and removal on even the hardest hydrocarbon deposits and its low toxicity and moderate pH makes it compatible with most metals including aluminum.

Where required, **Skye Chem Green Clean** can be combined with other Skye Chem products to satisfy site-specific degreasing challenges. Consult with Skye Petroleum office to determine the best application for your problem.

Shipping and Handling

Skye Chem Green Clean is an alkaline solution which may cause irritation to eyes and skin. Always handle with gloves and eye protection. Refer to the material safety data sheet for more detailed information.

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