

PRODUCT: ORB2200C

Degreaser Concentrate Water Based



Generic Description

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

General Information

ORB2200C is a specialized blend of surfactants and solvents designed to aid in the removal of hydrocarbon fouling from process equipment and vessels.

ORB2200C 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.

ORB2200C is a concentrate and should be diluted prior to use.

Suggested Formulation/Dosage Rate

ORB2200C should be mixed with fresh water, or alkaline solutions at concentrations ranging from 10%-50% to form a cleaning solution. It can be applied using standard cleaning industry techniques including spraying, automatic tank cleaning systems, cascading, or circulating.

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.

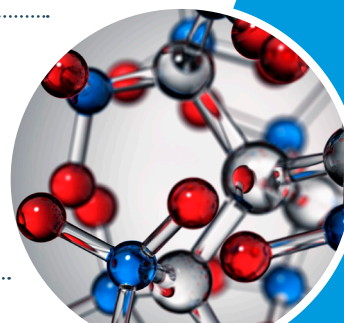
ORB2200C can be applied diluted 1:1 with water directly to the fouled surfaces and allowed to soak prior to rinsing.

ORB2200C 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,

ORB2200C can be combined with other Orbijet products to satisfy site-specific degreasing challenges. Consult with your Orbijet representative to determine the best application for your problem.



Advanced Chemistry



Oil & Gas Operations



Shipping and Handling

ORB2200C 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.

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

Product Packaging and Part Numbers

ORB2100C-US5	5 Gallon Non-Returnable Container
ORB2200C-US30	30 Gallon Non-Returnable Container
ORB2200C-US55	55 Gallon Non-Returnable Container
ORB2200C-US320	320 Gallon Non-Returnable Container

ORB2200C_2015.08.25



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