

Technical data

Klozur™

Environmental grade persulfate

CAS No. 7775-27-1

Typical formula by weight percent	Na ₂ S ₂ O ₈	99% MW 238.1 g/mol
--	---	--------------------

Active oxygen content	6.7%
------------------------------	------

pH of solution strength	wt%	pH
	20%	5.9

Note: pH of solution will decrease over time.

Typical properties

Odor	none
Appearance	white crystals
Melting point	decomposes
Solubility @ 25°C	73 grms/100 grms H ₂ O
Loose bulk density, lb/ft ³	69.9
Crystal density, g/cc	2.59

Typical metallic impurity concentrations (ppm)

Iron	2
Copper	<0.2
Chromium	<0.15
Lead	<0.2

Uses

Chemical oxidation of organic contaminants in conjunction with FMC Activation Chemistries

Shipment/container information:

DOT Classification: 5.1 (Oxidizer), yellow Oxidizer label.
55 lb (25 kg) polyethylene bag;
225 lb (102.3 kg) fiber drum with polyethylene liner;
2,200 lb (1,000 kg) woven polypropylene sack with polyethylene liner

HMIS classification:

Health	1
Flammability	0
Physical hazard	1
Personal protection	J

The information contained herein is, to our knowledge, true and accurate. Because conditions of use are beyond our control, we make no warranty or representation, expressed or implied, except that the products discussed herein conform to the chemical descriptions shown on their labels. Nothing contained herein should be construed as permission or recommendation to infringe any patent. No agent, representative, or employee of this company is authorized to vary any of the terms of this notice.

FMC logo and Klozur are trademarks of FMC Corporation. © 2006 FMC Corporation. All rights reserved. Document No. 01-01-EIT-DF. 01/03/06.RS