

SEAL COOL 1255

General Description

Seal Cool 1255 is a synthetic, biodegradable metalworking fluid for a variety of applications, including blanchard type grinding, forging, and light machining.

- Versatile – Used in variety of applications.
- Excellent Corrosion Protection.
- Safe and Mild.
- Long Sump Life.
- Cleanliness.

Typical Properties

Concentrate Appearance	Liquid, yellow
Specific Gravity (pounds/gallon)	8.66
Flash Point (C.O.C.)	N/A
pH @ 10%	9.8
Odor	Bland
Residue	Liquid Film
Metal Compatibility	Ferrous

Storage and Handling

Seal Cool 1255 can be stored either indoors or outdoors. If outdoor storage is used, the product should be brought to room temperature prior to use. Product is not for internal consumption. Seal Cool 1255 is non-irritating and non-toxic when used properly.

Application

Grinding – Steel	2-5%
Milling, Drilling, Turning	2-5%

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Testing

REFRACTOMETER READING

5%	1.0
10%	2.0

Alkalinity Titration:

1. Place 50 mls of sample into a flask.
 2. Add 5-7 drops of Methyl-Orange Indicator
 3. Titrate slowly with 1.0N Sulfuric Acid to the first noticeable color change. This is the end point.
- Mls of 1.0N Sulfuric Acid x 1.16 = % Concentration of SEAL COOL 1255

Regulatory Information

CAUTION: Eye and skin contact may cause irritation with prolonged contact. Harmful if swallowed. Do not get in eyes or on skin. Do not take internally.

Open drums slowly to vent. Handle with rubber gloves, rubber apron, chemical goggles, face mask, and rubber boots. Avoid breathing vapor or mist. When preparing solutions or making additions, add only to cool water with stirring. Improper addition of this product can cause splash-back, resulting in serious chemical burns. Eyewash and safety shower must be immediately available. Personnel handling this product should be acquainted with its characteristics and dangers. Do not mix with acids. Keep out of the reach of children.

L02-01

Consult MSDS for complete safety information.

Attention

When empty, the container may still be hazardous. Because containers, even after they have been emptied, still retain product residues (vapor, liquid or solid), all labeled hazard precautions must be observed. If emptied product containers of 119 gallons or greater volume are to be shipped, DOT requires the containers be triple rinsed (or equivalent) to remove any residue and DOT placards be removed or covered with plain placards before they can be shipped as empty containers.

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