JMN SPECIALTIES, INC.
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PRODUCT BULLETIN

BIG ORANGE 30E

Citrus-Based Industrial Solvent Degreaser

General Description

BIG ORANGE 30E is a high-performance citrus-enhanced industrial solvent degreaser formulated for the removal of petroleum oils, grease, tar, asphalt residues, drilling fluids, adhesives, and other heavy hydrocarbon soils. The formulation combines a powerful hydrocarbon solvent system with natural citrus terpene (d-limonene) and high-efficiency nonionic surfactants to deliver rapid penetration, strong solvency, and effective emulsification of oily contaminants. The product dissolves petroleum-based soils, resinous deposits, and asphaltic materials while allowing loosened contamination to be rinsed away with water. The citrus terpene component enhances solvency for many organic residues while providing a mild citrus odor during use. **BIG ORANGE 30E** is designed for industrial maintenance environments including oilfield operations, refinery service work, transportation maintenance, and heavy equipment cleaning where strong solvent degreasing performance is required.

Applications

BIG ORANGE 30E is widely used for heavy-duty industrial degreasing and maintenance cleaning where petroleum oils, grease, asphaltic deposits, and hydrocarbon residues must be removed from equipment and surfaces. The product is particularly effective for **oilfield service operations**, including cleaning drilling equipment, pumps, valves, tools, workover equipment, and rig components contaminated with crude oil, drilling fluids, and grease. It is also suitable for **pipeline maintenance, compressor stations, and production equipment cleaning** where strong solvency is required to remove hydrocarbon contamination. In **refinery and petrochemical facilities**, **BIG ORANGE 30E** may be used for maintenance cleaning of process equipment, tools, pumps, mechanical components, and shop areas contaminated with petroleum residues. The product is also effective for **industrial plant maintenance**, **marine equipment cleaning**, **transportation maintenance**, and removal of **tar, asphalt, adhesives, and heavy oily soils** from machinery and surfaces.

Features and Benefits

BIG ORANGE 30E combines natural citrus terpene solvency with industrial-grade hydrocarbon solvents and nonionic surfactants to provide exceptional degreasing performance. The formulation penetrates heavy oily deposits, dissolves hydrocarbon soils, and allows residues to be rinsed away with water. The citrus solvent provides strong solvency while producing a pleasant citrus odor during use.

The product contains no chlorinated solvents and no heavy metals, making it suitable for many industrial cleaning operations where effective solvent degreasing and environmental considerations are important. Its concentrated formulation allows flexible use either neat or diluted depending on the cleaning requirement.

Directions for Use

BIG ORANGE 30E may be used as supplied for removal of heavy oils, tar, asphalt, and other difficult hydrocarbon deposits. Apply by spray, brush, mop, or wiping method and allow the product to penetrate the contamination. Agitation may improve cleaning efficiency on heavily soiled surfaces. For general maintenance cleaning, **BIG ORANGE 30E** may be diluted with water to the desired concentration depending on the soil load and cleaning conditions. After the soil has been loosened, rinse or wipe the surface with water to remove residues. Always test on a small area prior to use on sensitive surfaces.

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Compatibility

BIG ORANGE 30E is compatible with most ferrous and non-ferrous metals including carbon steel, stainless steel, and aluminum when used as directed. Prolonged contact with some plastics, elastomers, or painted finishes may result in softening or swelling due to the strong solvent properties of citrus terpenes and hydrocarbon solvents. Testing on an inconspicuous area is recommended prior to large-scale use.

Environmental Information

BIG ORANGE 30E is formulated without chlorinated solvents or heavy metals. The citrus terpene component is derived from renewable citrus processing streams. When used properly, the product helps dissolve hydrocarbon residues so they can be removed from surfaces during cleaning operations. Wastewater disposal should follow applicable local, state, and federal regulations.

Regulatory Information

Components of this product are listed on the U.S. Toxic Substances Control Act (TSCA) inventory. This product is intended for industrial and professional use only. Users should review the Safety Data Sheet (SDS) for complete safety, handling, and regulatory information prior to use.

Physical Properties

Appearance	Clear to amber liquid
Odor	Citrus
Specific Gravity	~0.83
Density	~6.9 lb/gal
pH	Neutral (non-aqueous)
Flash Point	~120–130°F
Solubility	Emulsifies with water

(Typical values; not a specification)

Availability

BIG ORANGE 30E is available in UN approved 5-gallon pails, and 55-gallon drums and bulk quantities.

Handling and Safety

Observe warning labels on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Refer to the Safety Data Sheet (SDS) for complete safety, handling, and regulatory information.

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