



JNJ INDUSTRIES®

TECHNICAL DATA SHEET

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GlobalTech® / HDD

Heavy Duty Degreaser/Ready to Use

Certified Clean Air Solvent by SCAQMD - VOC <25g/L

PRODUCT DESCRIPTION:

GlobalTech **Heavy Duty Degreaser** (HDD) is an aqueous cleaner that is more than 90% water based with all ingredients being 100% active. It has been specially formulated to remove all types of grease, oil, grime, and dirt from all types of surfaces including machinery, engines, farm equipment, trucks, buses, trains, tools, work benches, floors, walls, kitchens. Our HDD utilizes a proprietary "electro-chemistry" technology to clean that works by reversing the normal polarity of the contaminant. The reversal of the polarity causes the like charges of the contaminant and the work surface to repel each other, thereby preventing reattachment to the surface, enabling them to be rinsed or wiped away with ease. HDD has a unique ability to penetrate crevices and orifices to dislodge microscopic contaminants. This method of cleaning drastically improves the cleaning efficiency by minimizing the amount of rinse water needed. Because HDD leaves no ionic contamination behind, it is an excellent cleaner to be used when cleaning electric or electronic equipment and hardware.

PRODUCT HIGHLIGHTS

- Environment & Worker Friendly
- Ion-Free
- Biodegradable
- Odor Free
- Non Flammable & non combustible
- NO** Hydrocarbons, Phosphates, Silicates, Saponifiers, Builders or Chelating Agents (with little surfactants)
- Certified Clean Air Solvent by California's South Coast Air Quality Management District SCAQMD - with a VOC of .09 it meets the new specification of <25g/L VOC**
- Non-Hazardous, Non-Corrosive, Non-Emulsifying, and low Toxicity
- CFC, HCFC Free, < .1% VOC's
- Recyclable (ability to be separated from effluent contaminants)
- Will not harm plastics or other synthetic materials.
- NO** HAP, ODC or GWC

APPLICATIONS:

- Removes cutting oils from manufactured parts, both metal and plastics
- Approved by Boeing Corp. for use in cleaning aircraft and electronic assemblies
- Removes heavy exhaust emissions from tunnels, bridges, garages
- Use on all types of metals as a prep prior to painting or plating
- Clean and degrease sheet metal
- Automotive shop cleaner
- Can be used in ultrasonic or spray cleaning equipment
- Machine shop cleaner and degreaser
- Clean all types of public transportation vehicles, inside and out

TECHNICAL DATA:

INGREDIENTS: A proprietary Oxygen and Sulfur containing compound, DI Water

FREEZING POINT	BOILING POINT	FLASH PT °F	% VOLATILE	VAPOR DENSITY	VAPOR PRESSURE	SPECIFIC GRAVITY	EVAPORATION RATE	SOLUBILITY IN WATER
°C	°F approx.				mm mercury	(8.36 lb/gal)	(n-butyl acetate=10)	
NA	>200	>200	>95	ND	18.5	1.00	<0.1	>95%

HAZARD RATING: Fire: 0, Toxicity: 1, Reactivity: 0 **HAZARD CLASS:** Combustible Liquid

IN ALL CASES REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

Revised 05/06

Heavy Duty Degrease - HDD/Ready-to-Use

TREATMENT AND DISPOSAL:

Treatment, containment and disposal of all effluents and other wastes should be done in accordance with local, state, and federal ordinances. In case of spill or leak HDD should be diluted with copious amounts of water. It is biodegradable and is completely miscible with water. pH levels may need to be neutralized, and any additional contaminants filtered out before being sewer or surface water discharged. JNJ also provides Foil Refill Packs for our SuperSaturated SmartWipe® canisters to help reduce environmental waste.

STORAGE AND SHELF LIFE:

JNJ will guarantee shelf life of 12 months without breakdown, actual may be longer. Shelf life expectancy is from date of shipment.

CONVENIENT PACKAGING:

...a dispenser that delivers solutions. Heavy Duty Degreaser, like all GlobalTech solvents, is offered in several packaging styles to make it convenient for users to apply the product in their respective applications. Saturated wipes, Foil Refill Packs, spray bottles, gallons, and drums are the available choices.

GLOBALTECH® - HEAVY DUTY DEGREASER ORDERING INFORMATION:

JNJ part numbering and packaging are as follows:

SW100HDD	100-wipe canister of SuperSaturated SmartWipes 6"x9", 12/case
FR100HDD -12	100-wipe replacement log in vacuum sealed Foil Refill Packs - 12/case
SB6HDD	1 pint bottle, in antistatic plastic, 6/case (ready-to-use)
GA6HDD-PM	1 gallon container, in high density polyethylene (HDPE), 6/case (ready-to-use)
DR55HDD-PM	55 gallon drum in high density polyethylene (HDPE) (ready-to-use)
GA6HDD	1 gallon container, in high density polyethylene (HDPE), 6/case (concentrate)
DR05HDD	5 gallon drum in high density polyethylene (HDPE) (concentrate)
DR55HDD	55 gallon drum in high density polyethylene (HDPE) (concentrate)

ADDITIONAL JNJ PRODUCTS OF INTEREST:

- Hand Cleaners
- Isopropyl Alcohol 99% & Isopropyl Alcohol & DI Water, 70/30
- Foil Refill Packs for all SuperSats
- SelectaWipes Perforated Wiping Rolls
- Evapo-Rust Rust Remover
- SmartWipe™ Dry Wipes
- Lead Remediation & Lead Test Kits
- Hand Sanitizer & Barrier Cream

Electronics, Industrial Equipment,
Supplies & Cleaning Products

GlobalTech Technical Data Sheets are published based on sources believed to be accurate. JNJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product. For more information see the corresponding MSDS or contact:

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