



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs to assist our customers in their compliance efforts. The attached document is in compliance with one of the respective country regulatory requirements noted below:

The OSHA Hazard Communication Standard (in the United States)
The Hazardous Products Regulations (in Canada)

We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Product Stewardship Team
Zep Inc.



SAFETY DATA SHEET

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Turbo Biotene™ 880

SDS No.: Turbo Biotene 880_0721 Date Prepared: 06/25/2018

SECTION 1: IDENTIFICATION

PRODUCT NAME:	GM880 TURBO BIOTENE
GENERAL USE:	INDUSTRIAL CLEANER / DEGREASER
ALTERNATE NAMES:	GM880-5, GM880-55, KET-WWHD, KP-5 F1
INSTRUCTIONS:	MINIMUM RECOMMENDED DILUTION RATIO 2 PARTS WATER: 1 PART HEAVY DUTY DEGREASER CONCENTRATE. USE ACCORDING TO MANUFACTURER'S DIRECTIONS
MANUFACTURED FOR:	GRAYMILLS CORPORATION 2601 S. 25 TH AVENUE, BROADVIEW, IL 60155 USA 773-248-6825
MANUFACTURER:	KETECA USA, INC 4280 W. OPPORTUNITY WAY, PHOENIX, AZ 85086 877-418-1306
EMERGENCY:	CHEMTREC 1-800-424-9300 (within the U.S.) +1-703-741-5500 (outside of U.S.) AAPCC Poison Help 1-800-222-1222

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Signal Word: **WARNING**

GHS HAZARD PICTOGRAMS:

No GHS pictograms indicated for this product

GHS HAZARD STATEMENTS:

H320 - Causes eye irritation

GHS PRECAUTIONARY STATEMENTS:

IF SWALLOWED: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

IF ON SKIN: Wash with soap and water.

IF INHALED: Prolonged exposure is not expected to cause adverse effects.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS

INHALATION:	Prolonged exposure is not expected to cause adverse effects.
SKIN CONTACT:	Non-irritating.
EYE CONTACT:	May cause slight eye irritation.
INGESTION:	Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

The specific chemical identity and chemical composition has been withheld as a trade secret.

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

SECTION 4: FIRST AID MEASURES

INHALATION:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
SKIN:	Wash with soap and water.
EYE:	Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1 -2 minutes and continue flushing for several additional minutes. If effects occur, consult physician.
INGESTION:	If swallowed, seek medical attention if symptoms develop. Do not induce vomiting unless directed to do so by medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog or fine spray, dry chemical fire extinguishers, carbon dioxide fire extinguishers, foam. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Avoid accumulation of water.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Spilled material may cause a slipping hazard. Use appropriate safety equipment.
(See Section 8)

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

SMALL SPILLS: Absorb with materials such as: sand, vermiculite, absorbent pillows, pads and/or wipes.
Do not use water for cleanup. Collect in suitable and properly labeled containers.

LARGE SPILLS: Contain spilled material if possible. Pump into suitable and properly labeled containers

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid contact with eyes. Wash thoroughly after handling.

STORAGE: Store indoors away from direct sunlight. Keep containers closed when not in use.
Shelf life: 24 Months

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: General ventilation should be sufficient for most operations.

PERSONAL PROTECTIVE EQUIPMENT (PPE): HMIS PP, B | Safety Glasses, Gloves

RESPIRATORY PROTECTION: Wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear to yellowish
PHYSICAL STATE:	Liquid
ODOR:	Light Citrus
ODOR THRESHOLD:	No data available
SOLUBILITY:	Miscible in water in all proportions
SPEC GRAVITY/DENSITY:	0.998 +/- 0.003 (Hydrometer)
VISCOSITY:	No data available
BOILING POINT:	No data available
FREEZING/MELTING POINT:	32°F (0 C)
FLAMMABILITY:	No data available
FLASH POINT:	>200°F Test Method SW1010 A
PARTITION COEFFICIENT:	No data available
VAPOR PRESSURE:	<1.0 mm Hg @ 68°F (not including water content).
VAPOR DENSITY:	No data available
PH:	8 - 10
VOC:	75 g/l in "Neat" form. 25 g/l when diluted 2:1 with H ₂ O, SCAQMD certified clean air solvent.
EVAPORATION Rate:	No data available
AUTO-IGNITION TEMP:	No data available
DECOMP TEMP:	No data available
UFL/LFL:	No data available

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions.

MATERIALS TO AVOID: This is a water-based product. Strong Acids; Strong Bases; Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE:

INHALATION: Prolonged exposure is not expected to cause adverse effects.

INGESTION: Small amounts swallowed incidentally as a result of normal handling operation are not likely to cause injury.

SKIN: Non-irritating.

EYES: May cause eye irritation.

SKIN CORROSION/IRRITATION: Non-irritant per Dermal Irritation assay modeling. No animal testing performed

EYE DAMAGE/IRRITATION: May cause mild eye irritation per Ocular Irritation assay modeling.
No animal testing performed. (GHS Hazard category 2B)

Germ Cell Mutagenicity: Mixture does not classify under this category

Carcinogenicity: Mixture does not classify under this category

Reproductive Toxicity: Mixture does not classify under this category

STOT-Single Exposure Mixture does not classify under this category

STOT-Repeated Exposure: Mixture does not classify under this category

Aspiration Hazard: Mixture does not classify under this category

SECTION 12: ECOLOGICAL INFORMATION

FISH TOXICITY

LC₅₀, Pimephales promelas, 96 hour: 156 ppm.

AQUATIC INVERTEBRATE TOXICITY

LC₅₀, Daphnia pulex, 48 hour: 340 ppm.

PERSISTENCE AND DEGRADABILITY BIODEGRADATION TESTS:

Fully biodegradable in accordance with ISO 9439.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of uncontaminated material into sewer where applicable within Federal, State and/or local laws and regulations.

Disposal of contaminated material must be in compliance with all Federal, State and/or local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

SECTION 14: TRANSPORT INFORMATION

DOT Non-Bulk - NOT REGULATED

DOT Bulk - NOT REGULATED

IMDG - NOT REGULATED

ICAO/IATA - NOT REGULATED

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986) SECTIONS 311 AND 312

Immediate (Acute) Health Hazard	No
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986) SECTION 313: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

CALIFORNIA PROPOSITION 65 (SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986): This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

U.S. TOXIC SUBSTANCES CONTROL ACT: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30 CEPA - Domestic Substances List (DSL) All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): The components of this product are on the EINECS inventory or are exempt from inventory requirements.

CEPA - DOMESTIC SUBSTANCES LIST (DSL): All substances contained in this product are listed on the Canadian Domestic Substances list (DSL) or are not required to be listed.

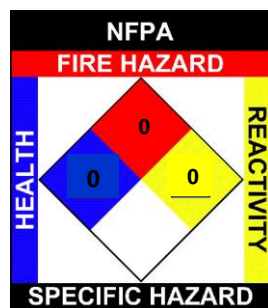
SECTION 16: OTHER INFORMATION

NFPA: Health = 0, Fire = 0, Reactivity = 0, Specific Hazard = None

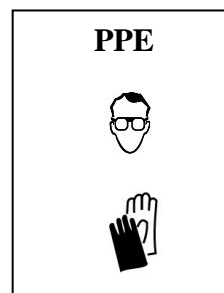
HMIS III: Health = 0, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS RATING



HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



PREPARED BY: Rob Cotner

DATE PREPARED: 06/25/2018

To ensure that you have the most current SDS, please check our website www.graymills.com

MANUFACTURER DISCLAIMER: While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser's intended use of the material. Graymills Corporation assumes no responsibility resulting from the use of this SDS.