



## SAFETY DATA SHEET

### 1. Product and company identification

**Product Name** Excel Enzyme Degreaser  
**UN/ID No.** DOT (U.S.): Not Regulated  
**Recommended use of the chemical and restrictions on use:**  
**Recommended Use:** For Industrial and Commercial Use

**Supplier:** **Butler Chemicals, Inc.**  
3070 E. Ceena CT.  
Anaheim, CA. 92806

**Print date:** December 20, 2018

**Responsible name:** K.B.  
**In case of emergency:** **HEALTH EMERGENCIES — SPILL EMERGENCIES**  
**CALL INFOTRAC 1(800) 535-5053**

**Product type:** Mixture

### 2. Hazards identification

<b>Appearance:</b> Purple Liquid	<b>Physical State:</b> Liquid	<b>Odor:</b> Pleasant
----------------------------------	-------------------------------	-----------------------

#### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2/2A
May be harmful if swallowed	Category

This chemical does not meet the hazardous criteria set forth by the GHS Classification and OSHA Hazard Communication Standard (29 CFR 1910.1200). This Safety Data Sheet contains information essential to the safe handling and proper use of this chemical and/or product.

**Signal Word:** WARNING



#### Hazard Statement

H302 Harmful if swallowed  
H319 Causes eye irritation  
H315 Causes mild skin irritation

#### Precautionary Statements – Preventions

Keep away from children, Read label before use.  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Do not get in eyes, on skin, or on clothing.  
Do not take internally. Harmful if swallowed  
Do not breathe dust/fume/gas/mist/vapors/spray

Use with adequate ventilation and wear respiratory protection when exposure to mist or spray is possible.  
When handling, wear protective gloves/protective clothing/eye protection/face protection  
Wash thoroughly after handling as contact or exposure can cause irritation.  
Keep container closed.

#### **Precautionary Statements – Response**

Immediately call A POISON CENTER or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.  
Continue rinsing immediately call a POISON CONTROL or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Immediately call a POISON CENTER or doctor/physician  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician, Rinse mouth, **Do not induce vomiting!**

#### **Precautionary Statements – Storage**

Store locked up  
Store in a well-ventilated place. Keep container tightly closed  
May evolve oxides of carbon (Cox) under fire conditions

#### **Precautionary Statements –Disposal**

Disposed of contents/container in accordance with local/regional/national regulations

### **3. Composition/information on ingredients**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

### **4. First aid measures**

<b>Eye contact:</b>	Can cause moderate to severe irritation. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, keeping eyelids apart. Use cool running water. Do not use an eye ointment.
<b>Skin contact:</b>	Can cause moderate irritation. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. For a large splash, flood body under a shower. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes. If symptoms develop, seek medical attention.
<b>Inhalation:</b>	Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask
<b>Ingestion:</b>	Induce vomiting if victim is conscious and give water to drink. Never give anything by mouth to an unconscious person. Get medical aid immediately.
<b>Protection of first-aiders; Note to physician</b>	Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance. Treat symptomatically and supportively.

### **5. Fire-fighting measures**

<b>Flash point:</b>	Closed Cup:>212 <sup>0</sup> F (98.9 <sup>0</sup> C) None to boil (Pensdky-Martens) ASTM #D-93 Open Cup: >212 <sup>0</sup> F (98.9 <sup>0</sup> ) None to boil (Cleveland) ASTM #D-92
<b>Flammability of the product:</b>	This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.
<b><u>Extinguishing media:</u> Suitable:</b>	Use appropriate fire extinguisher for surrounding environment.

**Special protective equipment for fire-fighters:**

Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

**Flammability of the product:**

This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.

**6. Accidental release measures**

**Personal precautions:**

Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.

**Environmental precautions:**

Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.

**Methods and Materials for Containment and Clean Up:**

Observe all personal protective equipment recommendations described in this SDS. Contain spill. If leaked material can be pumped, store recovered material in appropriate containers. Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent material or cleaning materials appropriately. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

**Personal precautions:**

Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.

**Environmental precautions:**

Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.

**7. Handling and storage**

**Precautions for Safe Handling:**

Use a well ventilated area. Avoid breathing in mists or vapor. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.

**Storage**

Store in a cool, dry well ventilated area, away from heat and out of direct sunlight. Keep away from oxidizing agents, strong acids and foodstuff containers.

**8. Exposure controls/personal protection**

Consult local authorities for acceptable exposure limits.

**Engineering Controls**

**Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.**

**Individual-protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	No special equipment is usually needed when occasionally handling small quantities. For bulk handling wear suitable protective glasses or goggles.
<b>Skin and Body Protection</b>	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. When handling bulk quantities, wear gloves of impervious material.
<b>Respiratory Protection</b>	Domestic quantities require no special equipment with normal careful use. When

	handling bulk quantities, avoid breathing mist or vapors. When ventilation is inadequate and mists or vapors are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants.
--	--

**Human Exposure Characterization:**

Based on our recommended product application and personal protection equipment, the potential human exposure is:  
Low

**9. Physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Color</b>	Purple
<b>Odor</b>	Pleasant
<b>Specific Gravity</b>	0.96-1 @ 60 <sup>0</sup> F/ 15.6 <sup>0</sup> C
<b>Density</b>	8-8.3 Lb/Gal
<b>Solubility in Water</b>	Complete
<b>pH (100%)</b>	10.00
<b>Viscosity</b>	4.0 cst @ 60 <sup>0</sup> F / 15.6 <sup>0</sup> C
<b>Pour Point</b>	<-35 <sup>0</sup> F / <-37 <sup>0</sup> C
<b>Vapor Pressure</b>	>110 mm Gm @ 100 <sup>0</sup> F / 38 <sup>0</sup> C
<b>Flash Point</b>	212 <sup>0</sup> F

**10. Stability reactivity**

<b>Stability</b>	Stable
<b>Hazardous polymerization</b>	Will not occur
<b>Conditions to avoid</b>	Do not mix with other ingredients except water
<b>Materials to avoid</b>	Strong Acids, Strong Oxidizing Agents
<b>Hazardous decomposition Products:</b>	None

**11. Toxicological information**

No toxicity studies have been conducted on this product.

**CARCINOGENICITY:**

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the national Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

**12. Ecological information**

**ECOTOXICOLOGICAL EFFECTS:**

No Toxicity studies have been conducted on this product.

**ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION**

Based on our hazard characterization, the potential environmental hazard is: Moderate

Based on our recommended product application and the product's characteristics, the potential environmental exposure is:

Low

If released into the environment, see CERCLA/SUPERFUND in Section 15.

**13. Disposal considerations**

**Waste disposal:**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste

disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## 14. Transport information

DOT (U.S.) Not Regulated

## 15. Regulatory information

This section contains additional information that may have relevance to regulatory compliance. The information in this section is for reference only. It is not exhaustive, and should not be relied upon to take the place of an individualized compliance or hazard assessment. Company accepts no liability for the use of this information.

NATIONAL REGULATIONS, USA:

OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200:

Based on our hazard evaluation, the following substance(s) in this product is/are hazardous and the reason(s) is/are shown below.

Ethoxylated 4-Nonylphenol: Eye irritant

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) – SECTIONS 302, 311, 312, AND 313:

SECTION 302 – EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTIONS 311 AND 312 – MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370):

Our hazard evaluation has found this product to be hazardous. The product should be reported under the following indicated EPA hazard categories:

X	Immediate (Acute) Health Hazard
-	Delayed (Chronic) Health Hazard
X	Fire Hazard
-	Sudden Release of Pressure Hazard
-	Reactive Hazard

Under SARA 311 and 312, the EOPA has established threshold quantities for the reporting of hazardous chemicals, The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR 116.4 / formerly Sec. 311:

Substances listed under this regulation are not intentionally added or expected to be present in this product. Listed components may be present at trace levels.

CALIFORNIA PROPOSITION 65:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## 16. Other information

<u>HMIS</u>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Personal Protection</b>
	1	0	0	B

This information provides assistance for your own risk management practices. We have evaluated our product's risk as follows:

- The human risk is: Low

- The environmental risk is: Low

Person(s) handling this product should be informed of the recommended safety precautions and should have access this information. Exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations.

**Disclaimer**

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and in not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet