Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS HCS 2012

Trade name: KITCHEN FAST

1 Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name:** Kitchen Fast

• **Article number:** FM80, PSPC25

• **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

• **Application of the substance / the preparation** Heavy-Duty Foodservice Degreaser

• **1.3 Details of the supplier of the Safety Data Sheet**
• **Manufacturer/Supplier:**
Professional Supply
PO Box 88
Sheboygan, WI 53082-0088
Phone: 800-36-8675
Website: www.cleaningstuff.com

• **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

• **2.1 Classification of the substance or mixture**
• **Classification according to Regulation (EC) No 1272/2008**

GHS05 corrosion

Skin Corr. 1C H314 Causes severe skin burns and serious eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

GHS07

Acute Tox. 4 H302 Harmful if swallowed.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

• **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

C; Corrosive
R34: Causes burns.

Xn; Harmful, Irritant
R22: Harmful if swallowed. / R37: Irritating to respiratory system.

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• **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.
• **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

• **2.2 Label elements**
• **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
• **Hazard pictograms**

GHS05 GHS07
• **Signal word** Danger
• **Hazard-determining components of labeling:**
Benzyl alcohol
2-aminoethanol
alcohols, C9-11, ethoxylated
• **Hazard statements**
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H335-H336.

H302	Harmful if swallowed.
H314+H318	Causes severe skin burns and serious eye damage.
H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.

• **Precautionary statements**

P264	Wash hands thoroughly after handling.
P270	Do not eat drink or smoke when using this product.
P280	Wear protective gloves / protective clothing / eye protection.
P260	Do not breathe mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P303+P361+P353+ P363+P332+P313	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison center / doctor.
P305+P351+P338+ P337+P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center / doctor.
P301+P330+P331+ P310	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center / doctor.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233	Store in a well-ventilared place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents / container in accordance with local regulations.

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3 Composition/information on ingredients

• 3.2 Mixtures

• Dangerous components:		
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5	Benzyl alcohol Xn R20/22 Acute Tox. 4, H302; Acute Tox. 4, H332	<25%
CAS: 68439-46-3 NLP: 500-446-0	alcohols, C9-11, ethoxylated Xi R38-41 Eye Irrit. 2A H319, Skin Irrit. 2, H315	<25%
CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8	2-aminoethanol C R34; Xn R20/21/22 Skin Corr. 1B, H314 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	<10%
CAS: 102-71-6 EINECS: 203-049-8	2,2',2''-nitrilotriethanol substance with a Community workplace exposure limit	<3%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol F R11 Flam. Liq. 2, H225	<3%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3	1-methoxy-2-propanol R10-67 Flam. Liq. 2, H225 STOT SE 3, H336	<1%
CAS: 119345-04-9	Benzene, 1, 1 -oxybis-,tetrapropylene derivatives, sulfonated, sodium salts Xi R36, Eye Irrit. 2A H319,	<10%

• Additional information: For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

• 4.1 Description of first aid measures

• General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out into the fresh air.

• After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

Seek immediate medical help for blistering or open wounds.

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- **After eye contact:** Remove contact lenses if worn, if possible.
  Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Rinse out mouth and then drink plenty of water.
  Do not induce vomiting; call for medical help immediately.

- **4.2 Most important symptoms and effects, both acute and delayed**
  Irritant to skin and mucous membranes, Breathing difficulty, Headache, Dizziness, Cramp, Coughing, Nausea
- **Hazards**
  Danger of gastric perforation.
  Danger of severe eye injury.
  Danger of impaired breathing.
  Condition may deteriorate with alcohol consumption.
- **4.3 Indication of any immediate medical attention and special treatment needed**
  Medical supervision for at least 48 hours.
  Monitor circulation, possible shock treatment.
  If necessary oxygen respiration treatment.

5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
  Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
  Wear self-contained respiratory protective device.
  Wear fully protective suit.
- **Additional information** Use large quantities of foam as it is partially destroyed by the product.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  Use respiratory protective device against the effects of fumes/dust/aerosol.
  Wear protective equipment. Keep unprotected persons away.
  Ensure adequate ventilation
  Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Send for recovery or disposal in suitable receptacles.
  Dispose contaminated material as waste according to item 13.
  Clean the affected area carefully; suitable cleaners are:
  Warm water
- **6.4 Reference to other sections**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

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7 Handling and storage

• **7.1 Precautions for safe handling**
Keep receptacles tightly sealed.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
• **Information about fire - and explosion protection:** No special measures required.
• **7.2 Conditions for safe storage, including any incompatibilities**
• **Storage:**
• **Requirements to be met by storerooms and receptacles:**
Unsuitable material for receptacle: aluminium.
Avoid storage near extreme heat, ignition sources or open flame.
• **Information about storage in one common storage facility:**
Store away from foodstuffs.
Do not store together with alkalis (caustic solutions).
Store away from metals.
• **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.
• **7.3 Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

• **Additional information about design of technical facilities:** No further data; see item 7.

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**	
100-51-6 Benzyl alcohol	
WEEL (USA)	Long-term value: 10 ppm
141-43-5 2-aminoethanol	
IOELV (EU)	Short-term value: 7,6 mg/m³, 3 ppm Long-term value: 2,5 mg/m³, 1 ppm Skin
PEL (USA)	Long-term value: 6 mg/m³, 3 ppm
REL (USA)	Short-term value: 15 mg/m³, 6 ppm Long-term value: 8 mg/m³, 3 ppm
TLV (USA)	Short-term value: 15 mg/m³, 6 ppm Long-term value: 7.5 mg/m³, 3 ppm
EL (Canada)	Short-term value: 6 ppm Long-term value: 3 ppm
EV (Canada)	Short-term value: 15 mg/m³, 6 ppm Long-term value: 7.5 mg/m³, 3 ppm
102-71-6 2,2',2''-nitrilotriethanol	
TLV (USA)	Long-term value: 5 mg/m³
EL (Canada)	Long-term value: 5 mg/m³
EV (Canada)	Long-term value: 3.1 mg/m³, 0,5 ppm

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64-17-5 ethanol	
PEL (USA)	Long-term value: 1900 mg/m³, 1000 ppm
REL (USA)	Long-term value: 1900 mg/m³, 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m³, 1000 ppm
EL (Canada)	Short-term value: 1000 ppm
EV (Canada)	Long-term value: 1,900 mg/m³, 1,000 ppm
107-98-2 1-methoxy-2-propanol	
IOELV (EU)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Skin
REL (USA)	Short-term value: 540 mg/m³, 150 ppm Long-term value: 360 mg/m³, 100 ppm
TLV (USA)	Short-term value: 369 mg/m³, 100 ppm Long-term value: 184 mg/m³, 50 ppm
EL (Canada)	Short-term value: 75 ppm Long-term value: 50 ppm
EV (Canada)	Short-term value: 550 mg/m³, 150 ppm Long-term value: 365 mg/m³, 100 ppm

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

- **Respiratory protection:**

Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
For spills, respiratory protection may be advisable.

- **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
  Contact lenses should not be worn without eye protection.

Safety glasses

- **Body protection:** Alkaline resistant protective clothing
- **Limitation and supervision of exposure into the environment**
  No further relevant information available.
- **Risk management measures**
  See Section 7 for additional information.
  No further relevant information available.

9 Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**	
• **General Information**	
• **Appearance:**	
Form:	Liquid
Color:	Light orange color
• **Odor:**	Solvent-like
• **Odor threshold:**	Not determined.
• **pH-value at 20 °C:**	11.5 ± 0.5 for concentrate
• **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	212 °F / 100 °C
• **Flash point:**	Not applicable.
• **Flammability (solid, gaseous):**	Not applicable.
• **Ignition temperature:**	Not determined.
• **Decomposition temperature:**	Not determined.
• **Self-igniting:**	Product is not self-igniting.
• **Danger of explosion:**	Product does not present an explosion hazard.
• **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
• **Vapor pressure at 20 °C:**	23 hPa
• **Density at 20 °C:**	1.04 g/cm³
• **Relative density**	Not determined.
• **Vapor density**	Not determined.
• **Evaporation rate**	Not determined.
• **Solubility in / Miscibility with water:**	Fully miscible.
• **Partition coefficient**	
(n-octanol/water):	Not determined.

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• Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
• 9.2 Other information	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity** Not determined.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
  Corrosive action on metals.
  Reacts with halogenated compounds.
  Reacts with strong oxidizing agents.
  Reacts with strong acids.
  Toxic fumes may be released if heated above the decomposition point.
- **10.4 Conditions to avoid** Store away from oxidizing agents.
- **Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
  Carbon monoxide and carbon dioxide
  Nitrogen oxides (NOx)
  Hydrocarbons
  Sulphur oxides (SOx)

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

• LD/LC50 values relevant for classification:		
100-51-6 Benzyl alcohol		
Oral	LD50	1230 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
141-43-5 2-aminoethanol		
Oral	LD50	2050 mg/kg (rat)
Dermal	LD50	1000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Caustic effect on skin and mucous membranes.
- **on the eye:** Strong caustic effect.
- **Sensitization:** No sensitizing effects known.
- **Subacute to chronic toxicity:**
  Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

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• **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Corrosive
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
Danger through skin adsorption.
• **Acute effects (acute toxicity, irritation and corrosivity):** Vapors have narcotic effect.
• **Repeated dose toxicity:** May cause damage to organs through prolonged or repeated exposure.

12 Ecological information

• **12.1 Toxicity**
• **Aquatic toxicity:** The product contains materials that are harmful to the environment.
• **12.2 Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
• **12.3 Bioaccumulative potential** Does not accumulate in organisms.
• **12.4 Mobility in soil** No further relevant information available.
• **Ecotoxical effects:**
• **Remark:**
Inhibition of the development of the biomass
Toxic for algae
• **Additional ecological information:**
• **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralized.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low waterdangerous.
This statement was deduced from the properties of the single components.
Water Hazard Class (Self-classification) in the concentrate.
Harmful to aquatic organisms
• **12.5 Results of PBT and vPvB assessment**
• **PBT:** Not applicable.
• **vPvB:** Not applicable.
• **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

• **13.1 Waste treatment methods**
• **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
• **Uncleaned packaging:**
• **Recommendation:** Disposal must be made according to official regulations.
• **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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14 Transport information

• 14.1 UN-Number **• DOT, ADR, ADN, IMDG, IATA**	NA1760
• 14.2 UN proper shipping name **• DOT**	NA1760, Compounds, cleaning liquid, (containing monoethanolamine), 8, PG III, Ltd. Qty.
• ADR	NA1760, Compounds, cleaning liquid, (containing monoethanolamine), 8
• IMDG, IATA	Compounds, cleaning liquid, (containing monoethanolamine)
• 14.3 Transport hazard class(es) **• DOT-ROAD & RAIL ONLY** **• Class** **• Label**	 N/A LTD. QTY.
• ADR **• Class** **• Label**	 8 (C9) Corrosive substances. 8
• IMDG, IATA **• Class** **• Label**	 8 Corrosive substances. 8
• 14.4 Packing group **• DOT, ADR, IMDG, IATA**	III
• 14.5 Environmental hazards: **• Marine pollutant:**	No
• 14.6 Special precautions for user **• Danger code (Kemler):** **• EMS Number:**	Warning: Corrosive substances. 80 F-A,S-B
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

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• Transport/Additional information:	
• ADR	
• Limited quantities (LQ)	5L
• Transport category	3
• Tunnel restriction code	E
• UN "Model Regulation":	NA1760, Compounds, cleaning liquid, (containing monoethanolamine), 8, PG III, Ltd. Qty.

15 Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
• **United States (USA)**
• **SARA**

• Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):
All ingredients are listed.

• **Proposition 65 (California):**

• Chemicals known to cause cancer:	
111-42-2	diethanolamine

• Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**
Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5	ethanol

• **Carcinogenic Categories**

• EPA (Environmental Protection Agency)
None of the ingredients is listed.

• IARC (International Agency for Research on Cancer)		
102-71-6	2,2',2''-nitrilotriethanol	3
64-17-5	ethanol	1

• TLV (Threshold Limit Value established by ACGIH)		
64-17-5	ethanol	A3

• NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

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• OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

• **Canada**

• Canadian Domestic Substances List (DSL)
All ingredients are listed.

• Canadian Ingredient Disclosure list (limit 0.1%)	
64-17-5	ethanol

• Canadian Ingredient Disclosure list (limit 1%)	
100-51-6	Benzyl alcohol
141-43-5	2-aminoethanol
102-71-6	2,2',2''-nitrilotriethanol
107-98-2	1-methoxy-2-propanol

• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Relevant phrases**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

R10	Flammable.
R11	Highly flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R52	Harmful to aquatic organisms.
R67	Vapours may cause drowsiness and dizziness.

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- **SDS File Name:** FM80 PS KITCHEN FAST SDS

- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
VOC: Volatile Organic Compounds (USA, EU)

- **Sources**
SDS Prepared by: JBE
Revision: 11/29/2023

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