

Material Safety Data Sheet

ECOLAB™

GREASE EXPRESS FRYER CLEANER

Section 1. Chemical product and company identification

Trade name : GREASE EXPRESS FRYER CLEANER
 Product use : Cleaning product
 Supplier : Ecolab Inc. Institutional Division
 370 N. Wabasha Street
 St. Paul, MN 55102
 1-800-352-5326
 Code : 924785-01
 Date of issue : 21-August-2006

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
 Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

Name	CAS number	% by weight
triphosphoric acid, pentasodium salt	7758-29-4	14
disodium metasilicate	6834-92-0	>50
alcohols, c12-16, ethoxylated	68551-12-2	1 - 5

Section 3. Hazards identification

Physical state : Solid. (Powder.)
 Emergency overview : DANGER!

CAUSES RESPIRATORY TRACT, EYE AND SKIN BURNS.
 HARMFUL IF SWALLOWED.

Do not ingest. Do not get in eyes or on skin or clothing. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Corrosive to eyes.
 Skin : Corrosive to the skin.
 Inhalation : Corrosive to the respiratory system.
 Ingestion : Harmful if swallowed. Causes burns to mouth, throat and stomach.
 See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
 Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
 Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
 Ingestion : Rinse mouth; then drink one or two large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire fighting measures

Flash point : > 100°C
 Product does not support combustion.
 Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.
 Dike area of fire to prevent runoff.
 No specific hazard.

GREASE EXPRESS FRYER CLEANER

Page: 2/3

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

Section 7. Handling and storage

- Handling** : Do not ingest. Do not get in eyes, on skin or on clothing. Keep container closed. Use only with adequate ventilation. Do not breathe dust. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.
Do not store below 0°C

Section 8. Exposure controls, personal protection

Engineering controls : Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Provide eyewash and safety shower in area if contact or splash hazard exists.

Personal protection

- Eyes** : Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
- Hands** : Use chemical-resistant, impervious gloves.
- Skin** : Use synthetic apron, other protective equipment as necessary to prevent skin contact.
- Respiratory** : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

- Physical state** : Solid. (Powder.)
- Color** : White. (Light.)
- Odor** : Faint odor.
- pH** : 12.7 (1%)
- Dispersibility properties** : Dispersible in cold water, hot water.
- Solubility** : Easily soluble in hot water.
Soluble in cold water.

Section 10. Stability and reactivity

- Stability** : The product is stable.
- Reactivity** : Slightly reactive to reactive with metals, acids.

GREASE EXPRESS FRYER CLEANER

Page: 3/3

Section 11. Toxicological information**Potential acute health effects**

- Eyes : Corrosive to eyes.
 Skin : Corrosive to the skin.
 Inhalation : Corrosive to the respiratory system.
 Ingestion : Harmful if swallowed. Causes burns to mouth, throat and stomach.

Potential chronic health effects**Section 12. Ecological information**

Products of degradation : These products are phosphates. Some metallic oxides.

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. 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.

Waste classification : Unused product is D002 (Corrosive)

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	UN3262	Corrosive solid, basic, inorganic, n.o.s. (Sodium metasilicate)	8	II	Not available.

APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

- HCS Classification : Corrosive material
 U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: None.
 SARA 302/304 emergency planning and notification: None.
 TSCA 8(b) inventory : All materials are listed or exempt.
 California Prop. 65 : No products were found.

Section 16. Other information

Hazardous Material Information System (U.S.A.) :

Flammability	3
Health hazard	0
Reactivity	0
Personal protection	C

- Date of issue : 21-August-2006.
 Responsible name : Regulatory Affairs
 Date of previous issue : 31-October-2005.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.