

Section 1. Chemical product and company identification

Trade name : PAN MAX ULTRA
 Product use : Manual Warewashing Detergent
 Supplier : Ecolab Inc. Institutional Division
 370 N. Wabasha Street
 St. Paul, MN 55102
 1-800-352-5326

Code : 911600
 Date of issue : 18-July-2007

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
sodium dodecylbenzene sulfonate	25155-30-0	16
benzenesulfonic acid, dodecyl-, compd. with 2,2',2''-nitrotriethanol	27323-41-7	12
poly(oxy-1,2-ethanediyl), -alpha.-sulfo- omega.-hydroxy-, c10-16-alkyl ethers, sodium salts	68585-34-2	5 - 20
amides, coco, n,n-bis(hydroxyethyl)	68603-42-9	5 - 20
xylene sulfonic acid, sodium salt	1300-72-7	1 - 5
ethanol	64-17-5	1 - 5

Section 3. Hazards identification

Physical state : Liquid, [Liquid]
 Emergency overview : CAUTION

MAY CAUSE EYE AND SKIN IRRITATION.
 Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to eyes.
 Skin : Moderately irritating to the skin.
 Inhalation : Slightly irritating to the respiratory system.
 Ingestion : No known significant effects or critical hazards.

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 if irritation persists.

Skin contact : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air.
 Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire fighting measures

Flash point : > 100°C
 Fire-fighting media and instructions : Product does not support combustion.
 : Use an extinguishing agent suitable for the surrounding fire.

Dike liquid for later disposal.
 No specific hazard.

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. Do not allow to enter drains or watercourses.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

Handling : Avoid contact with eyes, skin and clothing. 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 above the following temperature: 50°C

Section 8. Exposure controls, personal protection

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection:

Eyes : Eye protection recommended.
 Hands : For prolonged or repeated handling, use the following type of gloves: Impervious gloves.
 Skin : No protective equipment is needed under normal use conditions.
 Respiratory : A respirator is not needed under normal and intended conditions of product use.

Exposure limits

ACGIH TLV (United States, 1/2006).
 TWA: 1880 mg/m³ 8 hour(s).
 TWA: 1000 ppm 8 hour(s).
 OSHA PEL (United States, 11/2006).
 TWA: 1900 mg/m³ 8 hour(s).
 TWA: 1000 ppm 8 hour(s).

Section 9. Physical and chemical properties

Physical state : Liquid, [Liquid]
 Color : Blue, [Dark]
 Odor : citrus
 pH : 6.5 to 8 [Conc. (% w/w): 100%]
 Specific gravity : 1.08 to 1.2
 Dispersibility properties : Easily dispersed in cold water, hot water.
 : Easily soluble in cold water, hot water.

Section 10. Stability and reactivity

Stability : The product is stable.

Section 11. Toxicological information

Potential acute health effects

- Eyes : Moderately irritating to eyes.
- Skin : Moderately irritating to the skin.
- Inhalation : Slightly irritating to the respiratory system.
- Ingestion : No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects on humans : Contains material which causes damage to the following organs: blood, the reproductive system, liver, upper respiratory tract, central nervous system (CNS).

Section 12. Ecological information

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.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Additional Information
DOT Classification	Not regulated	-	-	-	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 : Irritating material
- U.S. Federal regulations : Target organ effects
: SARA 302/304/311/312 extremely hazardous substances: No products were found.
- TSCA 8(b) inventory : SARA 302/304 emergency planning and notification: No products were found.
- California Prop. 65 : All materials are listed or exempt.
: No products were found.

Section 16. Other information

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



- Date of issue : 18-July-2007.
- Responsible name : Regulatory Affairs
- Date of previous issue : 18-July-2007.

Section 16. Other information

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.