



SAFETY DATA SHEET DAYBREAK

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 00013
Product Name: DAYBREAK
Company Name: KIRBY CHEMICAL & RESTAURANT SUPPLY
Phone Number: (903)757-2723
 809 S. EASTMAN RD.
 LONGVIEW, TX 75602 (800)255-3924
Emergency Contact: CHEM-TEL, INC.
Intended Use: POT & PAN DETERGENT

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2
Skin Sensitization, Category 1B
Acute Toxicity: Oral, Category 4



GHS Signal Word: Warning

GHS Hazard Phrases: H319 - Causes serious eye irritation.
 H317 - May cause an allergic skin reaction.
 H302 - Harmful if swallowed.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P362+364 - Take off contaminated clothing and wash it before reuse.
 P270 - Do not eat, drink or smoke when using this product.

GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P321 - Specific treatment see ... on this label.
 P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P330 - Rinse mouth.

GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	



Potential Health Effects (Acute and Chronic):	Prolonged or repeated skin contact may cause dermatitis. Chronic: Chronic exposure may cause liver damage. Effects may be delayed.
Skin Contact:	May cause skin irritation. Causes skin burns. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.
Eye Contact:	Causes severe eye irritation. Risk of serious damage to eyes. Exposure to solid may cause pain and redness. Causes eye burns.
Ingestion:	Harmful if swallowed. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Continued exposure can produce coma, dehydration, and internal organ congestion. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhea, and shock. May cause corrosion and permanent tissue destruction of the esophagus and digestive tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
25155-30-0	Sodium dodecylbenzene sulfonate	5.0 -10.0 %
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	1.0 -5.0 %
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	5.0 -10.0 %
1300-72-7	Sodium xylenesulfonate	1.0 -5.0 %
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	7.0 -15.0 %
32612-48-9	Ammonium laureth sulfate	10.0 -20.0 %
68155-09-9	Amides, coco, N-[3-(dimethylamino)propyl], N-oxides	1.0 -5.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	
In Case of Skin Contact:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Get medical aid immediately. Wash clothing before reuse.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. If irritation develops, get medical aid.
In Case of Ingestion:	Get medical aid immediately. Call a poison control center. Get medical aid if irritation or symptoms occur. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.
Note to Physician:	Treat symptomatically and supportively.



5. FIRE FIGHTING MEASURES

Flash Pt:	No data.
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Do NOT get water inside containers.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. May be combustible at high temperatures. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials. Contact with metals may evolve flammable hydrogen gas.
Flammable Properties and Hazards:	No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Do not get water on spilled substances or inside containers.
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Minimize dust generation and accumulation. Do not ingest or inhale. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling. Do not allow water to get into the container because of violent reaction. Keep container tightly closed. Discard contaminated shoes.
Precautions To Be Taken in Storing:	Store in a cool, dry place. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Keep away from acids. Store protected from moisture. Containers must be tightly closed to prevent the conversion of NaOH to sodium carbonate by the CO ₂ in air.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25155-30-0	Sodium dodecylbenzene sulfonate	No data.	No data.	No data.
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norco co	No data.	No data.	No data.
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	No data.	No data.	No data.
1300-72-7	Sodium xylenesulfonate	No data.	No data.	No data.



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110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	No data.	No data.	No data.
32612-48-9	Ammonium laureth sulfate	No data.	No data.	No data.
68155-09-9	Amides, coco, N-[3-(dimethylamino)propyl], N-oxides	No data.	No data.	No data.
Respiratory Equipment (Specify Type):	No data available.			
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear chemical splash goggles.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.			

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid		
Appearance and Odor:	Appearance: Clear. Blue. Liquid. Odor: Lemon-type.		
Melting Point:	No data.		
Boiling Point:	No data.		
Autoignition Pt:	No data.		
Flash Pt:	No data.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	1.02		
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Evaporation Rate:	No data.		
Solubility in Water:	YES		
pH:	7.5 - 8.5		
Percent Volatile:	No data.		

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, dust generation, High temperatures, Exposure to moist air or water, Moisture, contact with water.
Incompatibility - Materials To Avoid:	acids, Strong oxidizing agents, Metals. bromine trifluoride, nitrogen compounds, Water, Aluminum, Zinc, gelatin, nitromethane, leather, flammable liquids, organic halogens.
Hazardous Decomposition Or Byproducts:	Carbon monoxide, oxides of sulfur, Carbon dioxide, Hydrogen chloride, sodium oxide. Toxic fumes of sodium oxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.



11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Mutagenicity:
Neurotoxicity: The only adverse effect noted from occupational exposures have been mild nasal irritation with exposure to high dust levels and hypertension.
See actual entry in RTECS for complete information.
CAS# 25155-30-0: Sodium dodecylbenzene sulfonate:
Acute toxicity, LD50, Oral, Rat, 438.0 MG/KG.
Carcinogenicity/Other Information: Results:
Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Lacrimation.
Behavioral: Somnolence (general depressed activity).
Gastrointestinal:Hypermotility, diarrhea.
- Kenkyu Nenpo--Tokyo-toritsu Eisei Kenkyusho. Annual Report of Tokyo Metropolitan Research Laboratory of Publi, Tokyo-toritsu Eisei Kenkyusho, 24-1, 3-chome, Hyakunin-cho, Shin-juku-ku, Tokyo 160 Japan, Vol/p/yr: 24,397, 1972

Standard Draize Test, Skin, Species: Rabbit, 20.00 MG, 24 H.
Results:
Effects on Newborn: Stillbirth.
Effects on Newborn: Live birth index (# fetuses per litter; measured after birth).
Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day {4}).
- Prehled Prumyslove Toxikologie, Marhold, J., Organicke Latky, Prague Czechoslovakia, Vol/p/yr: -,1063, 1986

Standard Draize Test, Eyes, Species: Rabbit, 250.0 UG, 24 H.
Results:
Behavioral: Somnolence (general depressed activity).
Vascular: BP lowering not characterized in autonomic section.
Skin and Appendages: Skin: After topical exposure: Corrosive.
- Prehled Prumyslove Toxikologie, Marhold, J., Organicke Latky, Prague Czechoslovakia, Vol/p/yr: -,1063, 1986
CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7647-14-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25155-30-0	Sodium dodecylbenzene sulfonate	n.a.	n.a.	n.a.	n.a.
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	n.a.	n.a.	n.a.	n.a.
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	n.a.	n.a.	n.a.	n.a.
1300-72-7	Sodium xylenesulfonate	n.a.	n.a.	n.a.	n.a.
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	n.a.	n.a.	n.a.	n.a.
32612-48-9	Ammonium laureth sulfate	n.a.	n.a.	n.a.	n.a.
68155-09-9	Amides, coco, N-[3-(dimethylamino)propyl], N-oxides	n.a.	n.a.	n.a.	n.a.



12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: Aquatic: Water temperature affects biodegradation. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures. Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation. (HSDB)
Physical: No information available.
Other: Do not empty into drains. No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated. SODIUM HYDROXIDE, SOLID.

15. REGULATORY INFORMATION

This material meets the EPA [] Yes [X] No Acute (immediate) Health Hazard
'Hazard Categories' defined [] Yes [X] No Chronic (delayed) Health Hazard
for SARA Title III Sections [] Yes [X] No Fire Hazard
311/312 as indicated: [] Yes [X] No Sudden Release of Pressure Hazard
[] Yes [X] No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25155-30-0	Sodium dodecylbenzene sulfonate	TSCA: Inventory
68604-71-7	Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco	TSCA: Inventory
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	TSCA: Inventory
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110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	TSCA: Inventory
32612-48-9	Ammonium laureth sulfate	TSCA: Inventory
68155-09-9	Amides, coco, N-[3-(dimethylamino)propyl], N-oxides	TSCA: Inventory



16. OTHER INFORMATION

Revision Date: 11/11/2013

Additional Information About No data available.

This Product:

**Company Policy or
Disclaimer:** While the information is believed to be correct, Kirby Chemical Company shall in no event be responsible for any damages whatsoever, either directly or indirectly, resulting from any publication or use of or reliance upon data contained herein. No warranty, either expressed or implied, of merchantability, of fitness for a particular purpose, or of any other nature with respect to the product or to the data, is made herein.

The information contained in this Material Safety Data Sheet is supplied pursuant to OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements