



The Clorox Company
 1221 Broadway
 Oakland, CA 94612
 Tel. (510) 271-7000

Material Safety Data Sheet

I Product:	FORMULA 409™ CLEANING WIPES	
Description:	UNFRAGRANCED MOISTENED TOWELETTE	
Other Designations	Distributor	Emergency Telephone Nos.
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call (800) 446-1014 For Transportation Emergencies, call Chemtrec (800) 424-9300

II Health Hazard Data

CAUTION: EYE IRRITANT. Avoid eye and prolonged skin contact. Do Not ingest.

FIRST AID:

EYE CONTACT: Immediately flush eyes with plenty of water. If irritation persists, see a physician.

SKIN CONTACT: Wash thoroughly with soap and water. Seek medical attention if irritation develops or persists.

INGESTION: Drink a glass full of water. Call a physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.

KEEP OUT OF REACH OF CHILDREN

III Hazardous Ingredients

Ingredients	Concentration	Worker Exposure Limit
Alkyl (C ₁₂ 40%; C ₁₄ 50% C ₁₆ 10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1	0.3%	Not Established
Ethylene glycol monobutyl ether CAS # 111-76-2	0.5-2%	20 ppm TLV-TWA 50 ppm PEL

Substance can be absorbed through the skin and may contribute to overall exposure.

None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.

TLV - TWA - Threshold Limit Value - Time Weighted Average.
Source: ACGIH

PEL - Permissible Exposure Limit. Source: OSHA

IV Special Protection and Precautions

No special protection or precautions have been identified for using this product under directed consumer use conditions. The following recommendations are given for production facilities and for other situations where there is increased potential for accidental, large scale or prolonged exposure.

Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear gloves.

Engineering Controls: Use general ventilation to minimize exposure to vapor or mist.

Work Practices: Minimize skin contact and inhalation of vapor or mist. Not for personal cleansing or for use as a diaper wipe. Not recommended for use on soft vinyl, varnishes or aluminum. If used on these surfaces, rinse and wipe dry immediately.

V Transportation and Regulatory Data

DOT/IMDG/IATA: Not restricted.

EPA - SARA Title III/CERCLA:
Bottled product is not reportable under Sections 311/312; contains chemicals regulated under Section 313 (ethylene oxide = trace, glycol ethers < 2%); and contains chemicals (glycol ethers < 2%, ethylenediaminetetracetic acid < 1.0%, ethylene oxide = trace, and potassium hydroxide < 0.05%) which are regulated under Section 304/CERCLA.

TSCA Status: All components of this product are on the TSCA Inventory

VI Spill Procedures/Waste Disposal

Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

VII Reactivity Data

Stable under normal use and storage conditions.

VIII Fire and Explosion Data

Flash Point: >200F

Fire Extinguishing Agents: Foam, Dry Chemical, Water, CO₂

Unusual Fire and Explosion Hazards: Products of combustion are toxic

IX Physical Data

pH..... 10.8 (10.5-11.4)
 Solubility in Water..... complete
 Specific Gravity..... 0.998

MATERIAL SAFETY DATA SHEET



GLANCE SC

HMIS		NFPA	Personal protective equipment	
Health	3	3		
Fire Hazard	0	0		
Reactivity	0	0		

Version Number: 4

Preparation date: 2008-07-29

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: GLANCE SC
MSDS #: 11470004
Product Code: 04701, 04305, 04459
Recommended use: Cleaning product. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:
 US Headquarters
 JohnsonDiversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address:
 www.johnsondiverseycan.com

Canadian Headquarters
 JohnsonDiversey - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. Causes permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
	Ammonium hydroxide	1336-21-6	1 - 5%	350	Not available	Not available
	2-butoxyethanol	111-76-2	20 - 30%	470	220 mg/kg	2.21 mg/L (4 h); 450 ppm (4 h)
	Sodium lauryl sulfate	151-21-3	1 - 5%	1288	=580 mg/kg	>3900 mg/m ³ (1 h)

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact: Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: If swallowed, rinse mouth. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: None known.
Unusual hazards: Corrosive material (See sections 8 and 10).
Specific methods: No special methods required

5. FIRE-FIGHTING MEASURES

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:
Environmental precautions
and clean-up methods:**

Put on appropriate personal protective equipment (see Section 8).
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection:

Chemical-splash goggles.

Hand protection:

Chemical-resistant gloves

Skin and body protection:

Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 26 ppm (TWA) 120 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	11.5	Dilution pH:	No information available.
Appearance:	Aqueous solution	Vapor density:	No information available
Color:	Blue	Evaporation Rate	No information available
Odor:	Ammonia	Boiling point/range:	Not determined
Specific gravity:	0.995	Melting point/range:	Not determined
Density:	8.3 lbs/gal	Decomposition temperature:	Not determined
VOC: % as concentrate	20.0%*	Autoignition temperature:	No information available
Flash point:	>200°F >93.3°C	Partition coefficient (n-octanol/water):	No information available
Solubility:	completely soluble	Solubility in other solvents:	No information available
Viscosity:	No information available	Elemental Phosphorus:	0 %P

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:	The product is stable.
Polymerization:	Hazardous polymerization does not occur.
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	Strong oxidising agents. Do not mix with any other product or chemical.
Conditions to avoid:	Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be between 500 - 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg

11. TOXICOLOGICAL INFORMATION

Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known

Mutagenic effects: None known

Reproductive toxicity: None known

Target organ effects: None known

Hazardous ingredients

Ingredient(s)	CAS #	NTP	IARC	OSHA
2-butoxyethanol	111-76-2		3	

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Ammonium hydroxide	1336-21-6	X	X	X	-
2-butoxyethanol	111-76-2	X	X	X	X
Water	7732-18-5	-	-	-	-
Sodium lauryl sulfate	151-21-3	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ammonium hydroxide	1336-21-6	1 - 5%	1000		
2-butoxyethanol	111-76-2	20 - 30%			X

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate: X

Delayed: -

Fire: -

Reactivity: -

Sudden Release of Pressure: -

Canada

WHMIS hazard class: E Corrosive material.



Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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