



Task Title: Understand a Cleaning Product MSDS

OALCF Cover Sheet – Practitioner Copy

Learner Name: _____

Date Started (m/d/yyyy): _____

Date Completed (m/d/yyyy): _____

Successful Completion: Yes No

Goal Path: Employment Apprenticeship

Secondary School Post Secondary Independence

Task Description: The learner reads a Material Safety Data Sheet (MSDS) to become familiar with a cleaning product.

Main Competency / Task Group / Level Indicator:

- Find and Use Information/Interpret documents/A2.2

Performance Descriptors: See chart on last page

Materials Required:

- Pen and paper and/or digital device
- Cleaning product MSDS: formula409glasssurfacecleaner082012.pdf taken from <http://www.thecloroxcompany.com/products/msds/>

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Instructor Information

Preparation for this task

Bridging the Employment Gap Janitorial Safety Module, especially **5. Learn how to protect yourself** and **6. Personal Protective Equipment (PPE)**

Check <https://2ky701279qlou23p6256zftv-wpengine.netdna-ssl.com/wp-content/uploads/2020/08/Janitorial.pdf>

Learner Information

Cleaners and workers in jobs where cleaning is important (like Early Childhood Educators) need to use products that have a Material Safety Data Sheet (MSDS).

Scan "The Clorox Company 409" Material Safety Data Sheet.



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

Material Safety Data Sheet

I Product: FORMULA 409® ALL PURPOSE CLEANER	
Description: GREEN LIQUID	
Other Designations	Distributor
All Purpose Cleaner Misty Breeze Fragrance Lemon Fresh Fragrance	Clorox Sales Company 1221 Broadway Oakland, CA 94612
Emergency Telephone Nos.	
For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300	
II Health Hazard Data	III Hazardous Ingredients
CAUTION: EYE IRRITANT. Avoid eye and prolonged skin contact. Do Not ingest	Ingredients Concentration Worker Exposure Limit
FIRST AID:	Alkyl (C ₁₂ 40%; C ₁₄ 50% C ₁₆ 10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1
EYE CONTACT: Immediately flush eyes with plenty of water. If irritation persists, see a doctor.	0.3% Not Established
SKIN CONTACT: Wash with water. Seek medical attention if irritation develops or persists.	Ethylene Glycol 0.5-5% 25 ppm TLV-TWA Monobutyl Ether 25 ppm PEL CAS # 111-76-2
INGESTION: Drink a glass full of water. Call Physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.	Substance can be absorbed through the skin and may contribute to overall exposure.
INHALATION: If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.	None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.
KEEP OUT OF REACH OF CHILDREN	TLV - TWA - Threshold Limit Value - Time Weighted Average. Source: ACGIH 1985-86.
IV Special Protection and Precautions	V Transportation and Regulatory Data
Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear gloves.	U.S. DOT Hazard Class: Not restricted
Engineering Controls: Use general ventilation to minimize exposure to vapor or mist.	U.S. DOT Proper Shipping Name: Not restricted.
Work Practices: Minimize skin contact and inhalation of vapor or mist.	EPA - SARA Title III/CERCLA:
Not recommended for use on soft vinyl, varnishes or aluminum. If sprayed on these surfaces, rinse and wipe dry immediately.	Bottled product is not reportable under Sections 311/312; contains chemicals regulated under Section 313 (ethylene oxide = trace, glycol ethers < 5%); and contains chemicals (glycol ethers < 5%, ethylenediaminetetraacetic acid < 1.0%, ethylene oxide = trace, and sodium hydroxide < 0.5%) which are regulated under Section 304/CERCLA.
	TSCA Status: All components of this product are on the TSCA Inventory VOC Content: 48 g/L (EPA Method 24)
VI Spill Procedures/Waste Disposal	VII Reactivity Data
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.	Stable under normal use and storage conditions.
Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.	
VIII Fire and Explosion Data	IX Physical Data
Flash Point: >200F	pH.....12.0
Fire Extinguishing Agents: Foam, Dry Chemical, Water, CO ₂	Solubility in Water.....complete
Unusual Fire and Explosion Hazards: Products of combustion are toxic	Specific Gravity (H ₂ O=1).....1.015

Work Sheet

Task 1: What is the product name?

Answer:

Task 2: Who is the distributor for this product?

Answer:

Task 3: What is the purpose of the Health Hazard Data section?

Answer:

Task 4: What should the cleaner do if the product is accidentally swallowed?

Answer:

Task 5: What should the cleaner do if they are splashed by the product?

Answer:

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Task 6: List the recommended PPE (Personal Protective Equipment) for this product.

Answer:

Task 7: What should the cleaner do to minimize exposure to product mist?

Answer:

Task 8: Why would the cleaner use this product?

Answer:

Answer Key

Task 1: What is the product name?

Answer: Formula 409® glass & surface cleaner

Task 2: Who is the distributor for this product?

Answer: The Clorox Sales Company

Task 3: What is the purpose of the Health Hazard Data section?

Answer: It gives directions in case of injury or discomfort from exposure when using the product.

Task 4: What should the cleaner do if the product is accidentally swallowed?

Answer: Drink a glassful of water. Call a doctor or poison control centre.

Task 5: What should the cleaner do if they are splashed by the product?

Answer: Rinse with plenty of water. If irritation persists, call a doctor.

Task 6: List the recommended PPE (Personal Protective Equipment) for this product.

Answer: Safety glasses; use gloves if you have sensitive skin.

Task 7: What should the cleaner do to minimize exposure to product mist?

Answer: Use general ventilation to minimize exposure to product mist.

Task 8: Why would the cleaner use this product?

Answer: To clean glass and other surfaces.

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A2.2	Performs limited searches using one or two search criteria			
	Extracts information from tables and forms			
	Uses layout to locate information			
	Makes connections between parts of documents			
	Makes low-level inferences			
	Begins to identify sources and evaluate information			

This task: Was successfully completed Needs to be tried again

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Learner Comments:

Instructor (print):

Learner (print):
