

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D5421

Associated Items  
45JC92

THE CLOROX COMPANY

SAFETY DATA SHEET

ISSUING DATE: JANUARY 5, 2015

REVISION DATE: NEW

REVISION NUMBER: 0

-----1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION -----  
AND OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER:

PRODUCT NAME:  
CLOROX COMMERCIAL SOLUTIONS(R\*) CLOROX(R\*) DISINFECTING WIPES - FRESH SCENT

OTHER MEANS OF IDENTIFICATION:

EPA REGISTRATION NUMBER: 67619-9

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE: MOISTENED DISINFECTING WIPES

USES ADVISED AGAINST: NO INFORMATION AVAILABLE

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER ADDRESS:  
CLOROX PROFESSIONAL PRODUCTS COMPANY  
1221 BROADWAY  
OAKLAND, CA 94612

PHONE: 1-510-271-7000

EMERGENCY TELEPHONE NUMBER:

EMERGENCY PHONE NUMBERS:  
FOR MEDICAL EMERGENCIES CALL: 1-800-446-1014  
FOR TRANSPORTATION EMERGENCIES, CALL CHEMTREC: 1-800-424-9300

-----2. HAZARDS IDENTIFICATION -----

CLASSIFICATION:  
THIS PRODUCT IS NOT CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

EMERGENCY OVERVIEW:  
THIS PRODUCT IS NOT CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

APPEARANCE: CLEAR, COLORLESS LIQUID ABSORBED INTO WHITE, NON-WOVEN WIPES

PHYSICAL STATE: THIN LIQUID ABSORBED INTO NON-WOVEN WIPES

ODOR: FRUITY, APPLE, FLORAL

PRECAUTIONARY STATEMENTS - PREVENTION: NONE

PRECAUTIONARY STATEMENTS - RESPONSE: NONE

PRECAUTIONARY STATEMENTS - STORAGE: NONE

PRECAUTIONARY STATEMENTS - DISPOSAL: NONE

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NOT APPLICABLE

UNKNOWN TOXICITY:  
21.5% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

OTHER INFORMATION: NO INFORMATION AVAILABLE

INTERACTIONS WITH OTHER CHEMICALS: NO INFORMATION AVAILABLE.

-----3. COMPOSITION/INFORMATION ON INGREDIENTS -----

CHEMICAL NAME CAS NO. WEIGHT % TRADE SECRET

ETHYLENE GLYCOL MONOHEXYL ETHER 112-25-4 1 - 5 \*

N-ALKYL (68% C12, 32% C14) 85409-23-0 0.1 - 0.2 \*  
DIMETHYL ETHYLBENZYL  
AMMONIUM CHLORIDEN-ALKYL (5% C12, 60% C14, 30% C16, 5% C18) DIMETHYL  
BENZYL AMMONIUM CHLORIDE 53516-76-0 0.1 - 0.2 \*

\* THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

-----4. FIRST AID MEASURES -----

FIRST AID MEASURES:

GENERAL ADVICE: SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.

EYE CONTACT:  
HOLD EYE OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15 - 20 MINUTES. IF PRESENT, REMOVE CONTACT LENSES AFTER THE FIRST 5 MINUTES OF RINSING, THEN CONTINUE RINSING EYE. CALL A POISON CONTROL CENTER OR DOCTOR FOR FURTHER TREATMENT ADVICE.SKIN CONTACT:  
RINSE SKIN WITH PLENTY OF WATER. IF IRRITATION PERSISTS, CALL A DOCTOR.INHALATION:  
MOVE TO FRESH AIR. IF BREATHING PROBLEMS DEVELOP, CALL A DOCTOR.INGESTION:  
DRINK A GLASSFUL OF WATER. CALL A DOCTOR OR POISON CONTROL CENTER.MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:  
MOST IMPORTANT SYMPTOMS AND EFFECTS: LIQUID MAY CAUSE EYE IRRITATION.INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:  
NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

-----5. FIRE-FIGHTING MEASURES -----

SUITABLE EXTINGUISHING MEDIA:  
USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.UNSUITABLE EXTINGUISHING MEDIA:  
CAUTION: USE OF WATER SPRAY WHEN FIGHTING FIRE MAY BE INEFFICIENT.SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:  
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON.EXPLOSION DATA:  
SENSITIVITY TO MECHANICAL IMPACT: NO.  
SENSITIVITY TO STATIC DISCHARGE: NO.PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:  
AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

-----6. ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECAUTIONS: AVOID CONTACT WITH EYES.

OTHER INFORMATION: REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS 7 AND 8.

ENVIRONMENTAL PRECAUTIONS:

ENVIRONMENTAL PRECAUTIONS:  
SEE SECTION 12 FOR ADDITIONAL ECOLOGICAL INFORMATION.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT:  
PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.METHODS FOR CLEANING UP:  
CONTAINERIZE. WASH RESIDUAL DOWN TO SANITARY SEWER. CONTACT THE SANITARY TREATMENT FACILITY IN ADVANCE TO ASSURE ABILITY TO PROCESS WASHED-DOWN MATERIAL.

-----7. HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING:

HANDLING:  
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. DO NOT EAT, DRINK, OR SMOKE WHEN USING THIS PRODUCT.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:  
KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL, AND WELL-VENTILATED PLACE.

INCOMPATIBLE PRODUCTS: NONE KNOWN.

-----8. EXPOSURE CONTROLS/PERSONAL PROTECTION -----

CONTROL PARAMETERS:

EXPOSURE GUIDELINES:



CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
ETHYLENE GLYCOL MONOHEXYL ETHER 112-25-4	NONE	NONE	NONE
N-ALKYL (68% C12, 32% C14) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE 85409-23-0	NONE	NONE	NONE
N-ALKYL (5% C12, 60% C14, 30% C16, 5% C18) DIMETHYL BENZYL AMMONIUM CHLORIDE 53516-76-0	NONE	NONE	NONE

ACGIH TLV:  
AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS - THRESHOLD LIMIT VALUE.

OSHA PEL:  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - PERMISSIBLE EXPOSURE LIMITS.

NIOSH IDLH: IMMEDIATELY DANGEROUS TO LIFE OR HEALTH.

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING MEASURES:  
SHOWERS  
EYEWASH STATIONS  
VENTILATION SYSTEMS

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

SKIN AND BODY PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

RESPIRATORY PROTECTION:  
NO PROTECTIVE EQUIPMENT IS NEEDED UNDER NORMAL USE CONDITIONS.  
IF IRRITATION IS EXPERIENCED, VENTILATION AND EVACUATION MAY BE REQUIRED.

HYGIENE MEASURES:  
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

#### -----9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: THIN LIQUID ABSORBED INTO NON-WOVEN WIPES

APPEARANCE: CLEAR LIQUID ABSORBED INTO NON-WOVEN WIPES

COLOR COLORLESS: LIQUID - WHITE NON-WOVEN WIPES

ODOR: FRUITY, APPLE, FLORAL

ODOR THRESHOLD: NO INFORMATION AVAILABLE

PROPERTY	VALUES	REMARKS/ METHOD
PH	6 - 9 (LIQUID)	NONE KNOWN
MELTING/FREEZING POINT	NO DATA AVAILABLE	NONE KNOWN
BOILING POINT / BOILING RANGE	NO DATA AVAILABLE	NONE KNOWN
FLASH POINT	NO DATA AVAILABLE	NONE KNOWN
EVAPORATION RATE	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY LIMITS IN AIR: UPPER FLAMMABILITY LIMIT	NO DATA AVAILABLE	NONE KNOWN
LOWER FLAMMABILITY LIMIT	NO DATA AVAILABLE	NONE KNOWN
VAPOR PRESSURE	NO DATA AVAILABLE	NONE KNOWN
VAPOR DENSITY	NO DATA AVAILABLE	NONE KNOWN
SPECIFIC GRAVITY	APPROX. 1.0 (LIQUID)	NONE KNOWN
WATER SOLUBILITY	COMPLETE (LIQUID)	NONE KNOWN
SOLUBILITY IN OTHER SOLVENTS	NO DATA AVAILABLE	NONE KNOWN
PARTITION COEFFICIENT N-OCTANOL/WATER	NO DATA AVAILABLE	NONE KNOWN
AUTOIGNITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
DECOMPOSITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
KINEMATIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
DYNAMIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
EXPLOSIVE PROPERTIES	NOT EXPLOSIVE	
OXIDIZING PROPERTIES	NO DATA AVAILABLE	
OTHER INFORMATION: SOFTENING POINT	NO DATA AVAILABLE	
VOC CONTENT (%)	NO DATA AVAILABLE	

PARTICLE SIZE NO DATA AVAILABLE

PARTICLE SIZE DISTRIBUTION NO DATA AVAILABLE

#### -----10. STABILITY AND REACTIVITY -----

REACTIVITY: NO DATA AVAILABLE.

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.

CONDITIONS TO AVOID: NONE KNOWN BASED ON INFORMATION SUPPLIED.

INCOMPATIBLE MATERIALS: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN.

#### -----11. TOXICOLOGICAL INFORMATION -----

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:

INHALATION: EXPOSURE TO VAPOR OR MIST MAY IRRITATE RESPIRATORY TRACT.

EYE CONTACT: LIQUID MAY CAUSE IRRITATION.

SKIN CONTACT: LIQUID MAY CAUSE SLIGHT IRRITATION.

INGESTION:  
INGESTION OF LIQUID MAY CAUSE SLIGHT IRRITATION TO MUCOUS MEMBRANES AND GASTROINTESTINAL TRACT.

COMPONENT INFORMATION:

CHEMICAL NAME	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
ETHYLENE GLYCOL MONOHEXYL ETHER 112-25-4	739 MG/KG (RAT)	721 MG/KG (RABBIT)	>0.5 MG/L (RAT, 4 H)

INFORMATION ON TOXICOLOGICAL EFFECTS:

SYMPTOMS: LIQUID MAY CAUSE REDNESS AND TEARING OF EYES.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

SENSITIZATION: NO INFORMATION AVAILABLE.

MUTAGENIC EFFECTS: NO INFORMATION AVAILABLE.

CARCINOGENICITY:  
NONE OF THE INGREDIENTS IN THIS PRODUCT ARE ON THE IARC, OSHA, OR NTP CARCINOGEN LISTS.

REPRODUCTIVE TOXICITY: NO INFORMATION AVAILABLE.

STOT - SINGLE EXPOSURE: NO INFORMATION AVAILABLE.

STOT - REPEATED EXPOSURE: NO INFORMATION AVAILABLE.

CHRONIC TOXICITY: NO KNOWN EFFECT BASED ON INFORMATION SUPPLIED.

TARGET ORGAN EFFECTS:  
RESPIRATORY SYSTEM, EYES, SKIN, GASTROINTESTINAL TRACT (GI).

ASPIRATION HAZARD: NO INFORMATION AVAILABLE.

NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION:  
ATEMIX (ORAL): 40.1 G/KG  
ATEMIX (DERMAL): 59.8 G/KG

#### -----12. ECOLOGICAL INFORMATION -----

ECOTOXICITY: NO INFORMATION AVAILABLE.

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE.

BIOACCUMULATION: NO INFORMATION AVAILABLE.

OTHER ADVERSE EFFECTS: NO INFORMATION AVAILABLE.

#### -----13. DISPOSAL CONSIDERATIONS -----

DISPOSAL METHODS:  
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

CONTAMINATED PACKAGING:  
DO NOT REUSE EMPTY CONTAINERS. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

#### -----14. TRANSPORT INFORMATION -----

DOT: NOT REGULATED.

TDG: NOT REGULATED.

ICAO: NOT REGULATED.



IATA: NOT REGULATED  
IMDG/IMO: NOT REGULATED

---15. REGULATORY INFORMATION---

CHEMICAL INVENTORIES:

TSCA:  
ALL COMPONENTS OF THIS PRODUCT ARE EITHER ON THE TSCA 8(B) INVENTORY OR OTHERWISE EXEMPT FROM LISTING.

DSL/NDSL: ALL COMPONENTS ARE ON THE DSL OR NDSL.

TSCA - UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY  
DSL/NDSL - CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST

U.S. FEDERAL REGULATIONS:

SARA 313:  
SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT CONTAINS A CHEMICAL WHICH IS SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372.

CHEMICAL NAME	CAS NO.	WEIGHT %	THRESHOLD VALUE (%)
ETHYLENE GLYCOL MONOHEXYL ETHER	112-25-4	1-5	1.0

SARA 311/312 HAZARD CATEGORIES:  
ACUTE HEALTH HAZARD: NO  
CHRONIC HEALTH HAZARD: NO  
FIRE HAZARD: NO  
SUDDEN RELEASE OF PRESSURE HAZARD: NO  
REACTIVE HAZARD: NO

CWA (CLEAN WATER ACT):  
THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES THAT ARE REGULATED POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 122.21 AND 40 CFR 122.42)

CERCLA:  
THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS A HAZARDOUS SUBSTANCE UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) (40 CFR 302) OR THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) (40 CFR 355). THERE MAY BE SPECIFIC REPORTING REQUIREMENTS AT THE LOCAL, REGIONAL, OR STATE LEVEL PERTAINING TO RELEASES OF THIS MATERIAL.

EPA STATEMENT:  
THIS CHEMICAL IS A PESTICIDE PRODUCT REGISTERED BY THE ENVIRONMENTAL PROTECTION AGENCY AND IS SUBJECT TO CERTAIN LABELING REQUIREMENTS UNDER FEDERAL PESTICIDE LAW. THESE REQUIREMENTS DIFFER FROM THE CLASSIFICATION CRITERIA AND HAZARD INFORMATION REQUIRED FOR SAFETY DATA SHEETS AND FOR WORKPLACE LABELS OF NON-PESTICIDE CHEMICALS. FOLLOWING IS THE HAZARD INFORMATION AS REQUIRED ON THE PESTICIDE LABEL:

CAUTION:  
CAUSES MODERATE EYE IRRITATION. AVOID CONTACT WITH EYES OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. WEAR GLOVES FOR PROLONGED OR FREQUENT USE.

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:  
THIS PRODUCT DOES NOT CONTAIN ANY PROPOSITION 65 CHEMICALS.

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA	RHODE ISLAND	ILLINOIS
ETHYLENE GLYCOL MONOHEXYL ETHER 112-25-4		X	X	X	
ISOPROPYL ALCOHOL 67-63-0	X	X	X	X	

INTERNATIONAL REGULATIONS:

CANADA:  
WHMIS HAZARD CLASS:  
D2B: TOXIC MATERIALS

---16. OTHER INFORMATION---

NFPA:  
HEALTH HAZARD 1  
FLAMMABILITY 0  
INSTABILITY 0  
PHYSICAL AND CHEMICAL HAZARDS

HMIS:  
HEALTH HAZARD 1  
FLAMMABILITY 0  
PHYSICAL HAZARD 0  
PERSONAL PROTECTION A

PREPARED BY:  
PRODUCT STEWARDSHIP  
23 BRITISH AMERICAN BLVD.  
LATHAM, NY 12110  
1-800-572-6501

PREPARATION/REVISION DATE: JANUARY 5, 2015

REVISION NOTE: NEW

REFERENCE: 1102043/174189.002

GENERAL DISCLAIMER:  
THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION, AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL, AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.

