SECTION 1- PRODUCT IDENTIFICATION

PRODUCT NAME

SYNONYMS

: LUSTRE KLENE AP

PRODUCT USE

Product is a mixture: No synonyms are available.

SUPPLIER

Mildly Alkaline MaterialWesmar Co. Inc.

SUPPLIER'S ADDRESS

5720 204TH ST SW, Lynnwood, WA 98036

(206) 783-5344

EMERGENCY RESPONSE PHONE

PERS: 1-800-633-8253

NUMBER



SECTION 2 - HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS U.S. – CLASSIFICATION

: H302

Harmful if swallowed.

H315

Causes skin irritation

H319

Causes serious eye irritation

LABEL ELEMENTS

GHS – US HAZARD PICTOGRAMS

The product is classified and labeled according

to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS



SIGNAL WORD

: WARNING

HAZARD STATEMENTS

(GHS-US)

Not established

H302

Harmful if swallowed. Causes skin irritation.

H315

Causes serieus sus invitation

: H319

Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

(GHS-US)

P101

If medical advice is needed, have product container or label at hand.

: P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash skin and contaminated clothing thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.
P280 Wear suitable protective gloves/protective clothing/eye

protection/face protection.

: P301+ IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel

P312 unwell.

: P302+P352

: IF ON SKIN: Wash with plenty of soap and water.

P305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove

P338

contact lenses, if present and easy to do. Continue rinsing.

: P332+P313

If skin irritation occurs: Get medical advice/attention.

: P337+P313

If eye irritation persists: Get medical advice/attention.

P501

Dispose of contents/container in accordance with

local/regional/national/international regulations

OSHA HAZARDS

: Target Organ Effect (Glycol Ether DPM)

TARGET ORGANS

Kidney, Liver, Nerves (Glycol Ether DPM).

CLASSIFICATION SYSTEM

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.

NFPA RATINGS (SCALE 0-4) HMIS RATINGS (SCALE 0-5) Health = 2, Fire = 0, Reactivity = 0
Health = 2, Fire = 0, Reactivity = 0

SECTION 3 - COMPOSITON/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTIC

: Mixtures

DESCRIPTION

: Mixture of the substances listed below with nonhazardous additions.

COMPONENT	PERCENT	CAS#	EC#	GHS CLASS	
Dipropylene glycol methyl ether	0.1-1	34590-94-8	252-104-2	Eye Irrit: Cat 2B	
Isopropanol (Isopropyl alcohol)	1-5	67-63-0	200-661-7	Eye Irrit Cat 2, Flam Liq Cat 2 STOT SE Cat 3	
Cocoamidopropylamine oxide	1-5	68155-09-9	268-938-5	Not Found	
Sodium Lauryl Sulfate	1-5	151-21-3	205-788-1	Skin Irrit Cat 2, Eye Irrit Cat 2A, Acute Tox Oral Cat 4, Aquatic Tox Cat 2	
Sodium (C14-16) Olefin Sulfonate	1-5	68439-57-6	270-407-8	Not Found	
Alcohol Ethoxylate	1-5	127087-87-0	500-315-8	Eye Dam Cat 1	
Coconut Diethanolamide	1-5	68603-42-9	271-657-0	Skin Irrit Cat 2, Eye Irrit Cat 2B	
Sodium Chloride	1-5	7647-14-5	231-598-3	Not Classified under GHS	

Irrit = Irritation, Cor = Corrosive, Dam = Damage, Cat = Category, Tox = Toxic, STOT = Specific Target Organ Toxicity.

SECTION 4 - FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Show the label where possible.

EYE CONTACT

Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation persists, get immediate medical attention.

SKIN CONTACT

Remove contaminated clothing and shoes. Wash affected skin area with soap and

water. If irritation persists, get immediate medical attention.

SWALLOWING (INGESTION)

If ingested, dilute swallowed material by drinking water. DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. Never give anything by mouth to an unconscious person. Get immediate

medical attention.

INHALATION

Remove to fresh air. Get immediate medical attention.

OTHER INSTRUCTIONS

: Rescue personnel must wear appropriate protective equipment during removal of victims from contaminated areas. Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA SPECIAL PROTECTIVE

: Dry chemical, foam, water or carbon dioxide.

EQUIPMENT AND
PRECAUTIONS FOR FIRE

: In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved, positive pressure, self-contained breathing apparatus (SCUBA) and full protective clothing. Evacuate all

FIGHTERS

non-essential personnel from the danger area.

UNUSUAL FIRE AND EXPLOSION HAZARDS

: No further relevant information is available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS,
PROTECTIVE EQUIPMENT &
EMERGENCY PROCEDURES
ENVIRONMENTAL PROCEDURES
METHODS AND MATERIALS FOR
CONTAINMENT AND CLEAN-UP

- Restrict access to keep out unauthorized or unprotected personnel. Wear protective equipment. Avoid inhalation and direct contact.
- : Keep spilled material away from sewage/drainage systems and waterways.
 - All clean-up personnel must be properly trained. Confine the spill and remove incompatible materials and ignition sources. Ensure adequate ventilation. Secure the source of the leak if conditions are safe. Neutralize spill and collect using an appropriate absorbent material such as clay or vermiculite. Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

: Use with adequate ventilation. Wear proper protective equipment. Do not mix with water or acids without proper dilution and agitation to prevent a potentially violent reaction.

CONDITIONS FOR SAFE STORAGE

: Store in closed, properly labeled containers. Protect containers from heat, physical damage, ignition sources and incompatible materials. Have emergency equipment for fires and spills readily available.





SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV (THRESHOLD LIMIT VALUE)

The TLV in section in section III is the ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit and the (Ceil) is the ceiling limit.

COMPONENT	OSHA PEL – TWA	ACGIH – TLV	ACGIH – STEL
Dipropylene glycol methyl ether	100 ppm, 600mg/m ³	100 ppm	150 ppm
Isopropanol (Isopropyl alcohol)	400 ppm	200 ppm	400 ppm
Cocoamidopropyle Betaine	Not Established	Not Established	Not Established
Cocoamidopropylamine Oxide 32%	Not Established	Not Established	Not Established
Sodium Lauryl Sulfate	Not Established	Not Established	Not Established
Sodium (C14-16) Olefin Sulfonate	Not Established	Not Established	Not Established
Alcohol Ethoxylate	Not Established	Not Established	Not Established
Coconut Diethanolamide	Not Established	Not Established	Not Established
Sodium Chloride	Not Established	Not Established	Not Established

EYE PROTECTION

: Wear chemical splash goggles or face shield.

SKIN PROTECTION

: Minimize contact with product. Wear chemical resistant coveralls, boots, gloves, apron and/or suitable long-sleeved clothing.

RESPIRATORY PROTECTION

: In case of brief exposure use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

VENTILATION

: Ensure adequate ventilation.

ADDITIONAL MEASURES

: Emergency eyewash and safety shower facilities should be available in the immediate work area.

REQUIRED WORK/HYGIENE

 Wash hands thoroughly after handling. Keep away from all food stuffs, beverages and feed. Do not eat, drink or smoke in work area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Clear amber liquid with pleasant odor.

ODOR

Mild odor

ODOR THRESHOLD

Not available 8.5 - 10.5 AS IS

PH

MELTING POINT/FREEZING Not available

POINT

BOILING POINT

Approx. 212° F.

FLASH POINT

Non flammable, non combustible

EVAPORATION RATE

Not available

FLAMMABILITY

Non flammable-Non combustible

LOWER FLAMMABILITY LIMIT

: Not available

UPPER FLAMMABILITY LIMIT VAPOR PRESSURE

: Not available Not available Not available

VAPOR DENSITY (AIR=1)

RELATIVE DESNITY

1.02

SOLUBILITY IN WATER PARTITION COEFFICIENT nSoluble in water

OCTANOL/WATER

Not available

AUTOIGNITION TEMPERATURE

Not available

DECOMPOSITION

Not available

TEMPERATURE

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

Stable under recommended storage conditions.

HAZARDOUS CONDITONS TO :

No decomposition if used according to specifications

AVOID

INCOMPATIBLE MATERIALS

Keep away from strong acids.

HAZARDOUS DECOMPOSITION

No dangerous decomposition products known. :

PRODUCTS

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Dipropylene Glycol Methyl Ether

ACUTE TOXICITY

LD50 values: Oral LD50: 5152 mg/kg (rat). LC50 dermal and inhalation: Not listed.

Eyes: Rabbit: Mild Irritation: 25 hours.

CARCINOGENICITY

: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC, ACGIH, NTP, and

OSHA.

TOXICOLOGICAL INFORMATION

: Isopropanol (Isopropyl Alcohol)

ACUTE TOXICITY

: LD50 Oral (rat): 5045 mg/kg. LD50 Dermal (rabbit): 12,800 mg/kg. LC50 Inhalation

(rat) 8hr: 16,000 mg/kg.

OTHER INFORMATION EYES

: Produces irritation, characterized by a burning sensation, redness, tearing,

OTHER INFORMATION

inflammation, and possible corneal injury. May cause transient corneal injury

INGESTION

Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression, characterized by

excitement, followed by headache, dizziness, drowsiness, and nausea.

OTHER INFORMATION

INHALATION

Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause narcotic effects in high concentration. Causes upper respiratory tract irritation.

Inhalation of vapors may cause drowsiness and dizziness.

OTHER INFORMATION SKIN

May cause irritation with pain and stinging, especially if the skin is abraded. Isopropanol has a low potential to cause allergic skin reactions; however, rare cases of allergic contact dermatitis have been reported.

STOT SINGLE EXPSOSURE

CARCINOGENICITY

: Inhalation - May cause drowsiness or dizziness. - Central Nervous System.

IARC: Group 3: Not classifiable as to its carcinogenicity to humans. No component of this product, present at levels greater than or equal to 0.1% is identified as a

carcinogen or potential carcinogen by ACGIH, NTP or OSHA.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Cocoamidopropyl Betaine LD50 Oral (rat): 5000-15,000 mg/kg.

INHALATION LC50

No data available : No data available

DERMAL LD50 CARCINOGENICITY

: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

MUTAGENICITY

Not mutagenic in AMES test.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Cocoamidopropylamine Oxide : LD50 Oral (rat): 500-5,000 mg/kg.

INHALATION LC50

: No data available : No data available

DERMAL LD50 CARCINOGENICITY

This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

MUTAGENICITY

Not mutagenic in AMES test.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Sodium Lauryl Sulfate

LD50 Oral (rat): 1280 mg/kg, LD50 Dermal (rabbit): 580 mg/kg, LC50 Inhalation (rat)

1h: 3900 mg/m³.

MUTAGENICITY

: Mutagenic for bacteria and/or yeast. May cause respiratory irritation.

IRRITATION CARCINOGENICITY

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH.

NTP and OSHA.

TOXICOLOGICAL INFORMATION

: Sodium (C14-16) Olefin Sulfonate

ACUTE TOXICITY

Acute Dermal LD50 Rabbit: 400 - 2000 mg/kg. Acute Oral LD50 Rat: 500 - 5000 mg/kg.

CARCINOGENICITY

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

TOXICOLOGICAL INFORMATION

Ethoxylated Alcohol

ACUTE TOXICITY

: LD50 Oral (rat: 16,000 mg/kg,

INHALATION LC50

No data available

DERMAL LD50

LD50 Dermal (rabbit): 4,490 mg/kg.

PRIMARY SKIN IRRITATION PRIMARY EYE IRRITATION

: Slight irritation.

: No data available.

CARCINOGENICITY

This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

TOXICOLOGICAL INFORMATION

: Coconut Diethanolamide

ACUTE TOXICITY

: LD50 Oral (rat): > 5,000 mg/kg, LD50 Dermal (rabbit): > 2000 mg/kg.

ACUTE EFFECTS

: May be harmful in contact with skin.

CHRONIC EFFECTS

: Hazardous by OSHA criteria. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through

prolonged or repeated exposure.

SYMPTOMS AND TARGET

ORGANS

: Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin

irritation. May cause redness and pain

TOXICOLOGICAL INFORMATION

: Sodium Chloride

ACUTE TOXICITY

LD50 (dermal, rabbit): >10000 mg/kg, LD50 (oral, rat): 3000 mg/kg.

SENSITISATION

: After skin contact: Slight irritations. After eye contact: Slight irritations. After

swallowing of large amounts: nausea, vomiting.

CHRONIC EFFECTS

Non carcinogenic in animal experiments. No mutagenic effect in animal experiments. Mutagenicity (mammal cell test): micronucleus negative. Bacterial mutagenicity: Ames test is negative. No impairment of reproductive performance suspected. No

teratogenic effect in animal experiments.

FURTHER TOXILOGICAL

INFORMATION

No toxic effects are to be expected when the product is handled appropriately.

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

: Dipropylene Glycol Methyl Ether

ECOTOXICITY (aquatic and terrestrial, where available):

ACUTE FISH TOXICITY

: LC50 / 96 hours Fathead Minnow - > 10,000 mg/L

TOXICITY TO DAPHNIA

EC50 / 48 hours Water flea - 1,919 mg/L

PERSISTENCE AND

: No data available.

DEGRADABILITY

BIOACCUMULATIVE POTENTIAL

No data available.

ECOLOGICAL INFORMATION

Isopropanol (Isopropyle alcohol)

ACUTE FISH TOXICITY

: LC50 / 96 hr: Pimephales promelas: 9,640 mg/L.

TOXICITY TO DAPHNIA

: EC50 / 24 h / Water Flea - 5,102 mg/L.

TOXICITY TO PLANTS

: EC50 / 72 hours Desmodesmus subspicatus > 2,000 mg/L.

MOBILITY

This material is expected to have very high mobility in soil. It does not absorb to

most soil types.

PERSISTENCE AND

DEGRADABILITY

: No data available.

BIOACCUMULATIVE POTENTIAL

: No data available.

ECOLOGICAL INFORMATION

Cocoamidopropyl Betaine

ECOTOXICITY PERSISTENCE AND Not available No data available

DEGRADABILITY

BIOACCUMULATIVE POTENTIAL : No data available

ECOLOGICAL INFORMATION

Cocoamidopropylamine Oxide

ECOTOXICITY

Not available

PERSISTENCE AND

No data available

DEGRADABILITY

BIOACCUMULATIVE POTENTIAL No data available

ECOLOGICAL INFORMATION

: Sodium Lauryl Sulfate

ECOTOXICITY AQUATIC

mortality NOEC-Oncorhynchus mykiss (rainbow trout) -19.5 mg/l -96 h mortality LOEC-Pimephales promelas (fathead minnow)-4.6 mg/I -8d

LC50 -Oncorhynchus mykiss (rainbow trout)-3.6 g/I -96 h

ECOTOXICITY AQUATIC

INVERTEBRATE

VERTEBRATE

: Not available.

PERSISTENCE AND DEGRADABILITY

Result: 90% readily biodegradable.

OTHER TOXIC EFFECTS

Toxic to aquatic life.

ECOLOGICAL INFORMATION

Sodium (C14-16) Olefin Sulfonate

ECOTOXICITY AQUATIC

: LC50 (fish): 1-10 mg/L.

VERTEBRATE

ECOTOXICITY AQUATIC

: Not available.

INVERTEBRATE

PERSISTENCE AND

5 5 50 Processing to 1900

DEGRADABILITY

Readily biodegradable.

ECOLOGICAL INFORMATION

: Ethoxylated Alcohol

ECOTOXICITY

: Not available.

PERSISTENCE AND

No data available.

DEGRADABILITY

BIOACCUMULATIVE POTENTIAL

No data available.

ECOLOGICAL INFORMATION

: Coconut Diethanolamide

ACUTE TOXICITY

: LC50 Algae: < 10 mg/l 72 hours, LC50 Daphnia: < 10 mg/l 48 hours, LC50 Fish: < 10

mg/l 96 hours

PERSISTENCE AND DEGRADABILITY

Readily biodegradable

BIOACCUMULATIVE POTENTIAL

No data available.

ECOLOGICAL INFORMATION

: Sodium Chloride

ACUTE TOXICITY

: Concentration in organisms is not to be expected. Fish toxicity: P.promelas LC50:

7650 mg/l /96 h, Daphnia Toxicity; Daphnia magna EC50: 1000 mg/l/48 h.

PERSISTENCE AND DEGRADABILITY

Method for the determination of biodegradability are not applicable to inorganic substance.

FURTHER ECOLOGICAL DATA

: No ecological problems are to be expected when the product is handled and used

with due care and attention.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product must be disposed of in accordance with Federal, state and local environmental regulations. It is the responsibility of the product user to determine at the time of disposal whether a material containing, or derived from this product, should be classified as a hazardous waste.

SECTION 14 - TRANSPORTATION INFORMATION

DOT/IMDG/ IATA PROPER

Not Hazardous

SHIPPING NAME

HAZARD CLASS AND LABEL

Not Applicable.

UN NUMBER

Not Applicable.
Not Applicable.

PACKAGING GROUP

Not Applicable.

EPA REPORTABLE QUANTITY (RQ)

MARINE POLLUTANT

Not listed.

EMERGENCY RESPONSE GUIDE

Not Applicable.

SECTION 15 - REGULATORY INFORMATION

U.N. GHS CLASSIFICATION & LABELING INFORMATION: See Section 2 for GHS Hazard Information.

U.S. FEDERAL REGULATORY INFORMATION:

LISTED CARCINOGEN

Not listed

TSCA STATUS

The ingredients of this product are listed in TSCA inventory (40CFR 710.)

SARA SECTION 302

: No chemicals in this material are subject to the reporting requirements of SARA Title

III, Section 302.

SARA SECTION 312

Chronic health hazard (Glycol Ether DPM).

SARA SECTION 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III,

Section 313.

NFPA HEALTH

NFPA FLAMMABILITY : NFPA REACTIVITY :

2 0

0

EUROPEAN UNION REGULATORY INFORMATION:

EC CLASSIFICATION

: Non Hazardous

DSD/DPD RISK (R) PHRASES

: R22: Harmful is swallowed.

R36/38: Irritating to eyes and skin.

DSD/DPD SAFETY (S) PHRASES

: S1/2: Keep locked up and out of reach of children.

\$24/25: Avoid contact with eyes and skin.

S26: In case of contact with eyes, rinse immediately with

plenty of water and seek medical advice.

S36/S37/39: Wear suitable protective clothing, gloves and

eye/face protection.

S45: In case of accidents or if you feel unwell, seek medical

advice immediately. Show label where possible.

S61: Avoid release to the environment. S62: If swallowed, do not induce vomiting.

S64: If swallowed, rinse mouth with water if victim is

conscious.

DSD/DPD HAZARD SYMBOL

Xi: Irritant

CANADIAN REGULATORY INFORMATION:

WHMIS CATEGORY

: D2B: Materials that cause other toxic effects (TOXIC).



DOMESTIC SUBSTANCES LIST

: Listed

(DSL)

INGREDIENT DISCLOSURE LIST

: Listed

SECTION 16 - OTHER INFORMATION

DISCLAIMER

: The information contained herein has been compiled from sources believed to be realiable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. Wesmar Co. assumes no responsibility for injury to any person or property resulting from any use of the material. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

CERCLA

Comprehensive Environmental Response, Compensation, and Liability Act.

EINECS

: European Inventory of Existing Commercial Chemical Substances

IMDG

: International Maritime Code for Dangerous Goods

IARC IATA : International Agency for Research on Cancer : International Air Transportation Association

ACGIH

American Conference of Governmental Industrial Hygienists

NFPA : National Fire Protection Association (USA)

NTP : National Toxicology Program

SARA : Superfund Amendments and Reauthorization Act

TSCA : Toxic Substances Control Act

HMIS : Hazardous Materials Identification System (USA)
WHMIS : Workplace Hazardous Materials Information System

LC50 : Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

STOT : Systemic Target Organ Toxicity

 DATE PREPARED
 : JAN 12, 2015

 DATE REVISED
 : JAN 12, 2015