
KODAK RAZORS

1. Identification of the substance/preparation and of the company/undertaking

Product names: KODAK Lady Disposable Razor 2, KODAK MAX Disposable Razor 2, KODAK MAX Disposable Razor 3, KODAK ULTRA Disposable Razor 3 And KODAK Lady Disposable Razor 6.

Supplier: Strand Europe Ltd., Strand House, Galway Road, Yateley, Hampshire, GU46 6GE, United Kingdom

For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
1-800-424-9300 / +1 703-527-3887 CCN696626

For other information or to request an MSDS, contact;

Strand Europe - Technology Department
Tel. +44 (0) 1252 861000
Email: sales@strandeurope.com

Synonyms: None.

Product Use: Razor, for consumer and industrial use.

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2. Hazards identification

Classification of the chemical in accordance with paragraph (d) of 29 CFR 1910.1200 :

Components	Hazard Category	Hazard Category	Hazard Statement codes	Route of exposure
Polystyrene	Flammable Liquids. Skin corrosion/ irritation. Serious eye damage/ irritation. Acute toxicity, inhalation.	Cate 3 Cate 2 Cate 2 Cate 4	H226 H315 H319 H332	Flammable liquid and vapour Cause skin irritation Causes serious eye irritation Harmful if inhaled
Glycerin	Skin corrosion/ irritation.	Cate 2	H315	Causes skin irritation
Tributyl Citrate	Serious eye damage/ irritation. Hazardous to the aquatic environment, chronic hazard.	Cate 2 Cate 1	H318 H400	Causes serious eye damage Very toxic to aquatic life
Sodium chloride	Serious eye damage/ irritation.	Cate 2	H319	Causes serious eye irritation

GHS-Labeling

CONTAINS : Ethene, homopolymer, oxidized (68441-17-8), Styrene, oligomers (9003-53-6), Glycerol (56-81-5), Sodium dodecylpoly(oxyethylene) sulfate (9004-82-4), Tributyl Citrate (77-94-1), Stearic Acid (57-11-4), Glycerol tristearate (555-43-1), Tributyl O-acetylcitrate (77-90-7), D-glucitol (50-70-4), Carboxymethyl cellulose sodium salt (9004-32-4), Polychloro copper phthalocyanine (1328-53-6), Sodium chloride (7647-14-5), Vitamin E (1406-18-4), Aloe barbadensis, ext (94349-62-9).

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Symbol(s) :



Signal Word : Warning

Hazard Statements : Flammable liquid and vapour. Cause skin irritation. Causes serious eye irritation. Harmful if inhaled. Very toxic to aquatic life.

Precautionary statements:

Prevention: Do not inhale or ingest. Keep away from all sources of ignition.

Response: IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

For Ingestion: Do not induce vomiting. Call a physician/ doctor or POISON CENTER immediately for any actual or suspected ingestion.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and get medical advice/ Attention.

IF ON SKIN: No harm in general situation.

Storage: Keep in a cool place. Keep away from direct sunlight and sources of heat.

Disposal : Dispose of razors in accordance with local/regional/national/International regulation.

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3. Composition/information on ingredients

Weight percent %	Components	CAS-No
70	Oxidized Polyethylene	68441-17-8
20	Polystyrene	9003-53-6
2	Glycerin	56-81-5
2	Sodium Laureth Sulphate	9004-82-4
2	Tributyl Citrate	77-94-1
1	Stearic Acid	57-11-4
1	Tristearin	555-43-1
1	Acetyl Tributyl Citrate	77-90-7
0.5	Sorbitol	50-70-4
0.2	Cellulose Gum	9004-32-4
0.2	CI 74260	1328-53-6
0.05	Sodium Chloride	7647-14-5
0.01	Tocopherol	1406-18-4
0.01	Aloe Barbadensis Extract	94349-62-9

Weight per cent listed is based on approximate per cent of the average weight of the moisturising strip.

4. First aid measures

An intact, non-damaged razor is not expected to result in situations that require first-aid measures. If a situation arises make sure the medical personnel are aware of the substance involved, such as showing this safety datasheet (SDS). Handle with caution, sharp blades present.

Inhalation: If vapours, fumes or allergic reaction from moisturising strip move to fresh air. Give oxygen. Do not use mouth to mouth if victim ingested or inhaled the substance. If they aren't breathing give artificial respiration and get medical attention.

Eyes: In case of contact with contents immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin: Generally, no harm but if reaction occurs flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.

Ingestion: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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5. Fire-fighting measures

Extinguishing Media: Use appropriate agent for surrounding area. No restriction on the type of extinguisher to be used on this product.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing which are MSHA/ NIOSH approved or equivalent. Fight fire from a safe distance. Prevent fire extinguishing water from contaminating ground water system.

Hazardous Combustion Products: Development of hazardous combustion gases or vapor possible in the event of a fire.

Unusual Fire and Explosion Hazards: Not combustible, not considered a significant fire risk.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition. Ensure adequate ventilation. Avoid breathing vapours, mist, gas or dust.

Refer to protective measures listed in sections 5, 7 and 8

Methods and materials for containment and cleaning up: Remove all sources of ignition. Place material in a container for chemical waste and dispose of in accordance with local regulations (see Section 13. Disposal considerations). Clean surface thoroughly to remove contamination. Prevent runoff from entering drains, sewers or streams. Ventilate area.

Environmental Precautions: No information available

For Large Spills: None should be needed.

7. Handling and storage

Personal precautions: Do not breathe fumes or vapours. Store away from incompatible materials and foodstuff.

Prevention of Fire and Explosion: Keep away from heat, flame or hot surfaces.

Storage: Keep in a cool place. Keep away from direct sunlight. Storage above 24°C (70°F) may affect product quality. Do not freeze. High temperatures can cause flame. Keep away from incompatible substances (see Incompatibility section.)

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8. Exposure controls/personal protection

Occupational exposure controls			
Chemical Name	Regulatory List	Value Type	Value
Glycerin	ACGIH	Time weighted average	No Data
	NIOSH	Time weighted average	10 mg/m3 (<i>Dust</i>) 5 mg/m3 (<i>respirable</i>)
	OSHA	Time weighted average	No Data
	Cal/OSHA	Time weighted average	15 mg/m3 (<i>Dust</i>) 5 mg/m3 (<i>respirable</i>)

9. Physical and chemical properties

Physical form: solid

Colour: White\ Green\Blue\red

Odour: No special Odor

Evaporation rate: not applicable

Vapour pressure: not applicable

Vapour density: not applicable

Volatile fraction by weight: not applicable

Melting point/range: No information available

Water solubility: insoluble

pH: not applicable

Flash point: not applicable

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10. Stability and reactivity

Reactivity: Contact with incompatible substances can cause decomposition or other chemical reaction.

Chemical stability: Stable under normal conditions.

Incompatibility: Metal alkoxides, furfuryl alcohol, acetaldehyde, nitric acid, nitrate, oxyacid salt halogen and inorganic peroxide. Oxidants, alkali metals, alkaline earth metals and aluminium.

Hazardous decomposition products: None under normal conditions of use.

Conditions to avoid: Incompatible materials, heat, flame or sparks

11. Toxicological information

CAS No	Name	LD50 (oral)	LD50 (dermal)	LC50 (Inhalation, 4h)
56-81-5	Glycerin	12600 mg/kg (rat)	>10000 mg/kg (rabbit)	No Data
77-94-1	Tributyl Citrate	30 mL/kg (rat)	2000 mg/kg (rat)	No Data
57-11-4	Stearic Acid	>2000 mg/kg (rat)	>5000 mg/kg (rabbit)	No Data
555-43-1	Tristearin	20000 mg/kg (rat)	2000 mg/kg (rat)	(6 h) 1.86 mg/L air (rat)
77-90-7	Acetyl Tributyl Citrate	1000 mg/kg (rat)	No Data	No Data
1328-53-6	CI 74260	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	>10 mg/L (rat)
7647-14-5	Sodium Chloride	No Data	No Data	No Data

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12. Ecological information

CAS No	Name	Fish	Crustaceans	Algae
56-81-5	Glycerin	LC50 68100 mg/L (96h)	No Data	No Data
77-94-1	Tributyl Citrate	LC50 6.8 mg/L (96h)	No Data	EC50 100.4 mg/L (72h)
57-11-4	Stearic Acid	LC50 >10 mg/L (96h)	EC50 >10 mg/L (48h)	EC50 >10 mg/L (72h)
555-43-1	Tristearin	LC50 10mg/L (96h)	No Data	EC50 1.8 mg/L (72h)
77-90-7	Acetyl Tributyl Citrate	LC50 38 mg/L (4days)	EC50 1.11 mg/L (21days)	EC50 11.5 mg/L (72h)
1328-53-6	CI 74260	LC50 752.4mg/L (96h)	No Data	EC50 100 mg/L (72h)
7647-14-5	Sodium Chloride	LC50 5.84mg/L (96h)	LC50/ EC50 8.9 g/kg (24h)	EC50 2.43g/L (120h)

13. Disposal considerations

DO NOT INCINERATE or expose to fire. Discharge, treatment, or disposal may be subject to national, federal, state, commonwealth, provincial, or local laws.

14. Transport information

This product is not regulated by international agencies as hazardous materials or dangerous goods

UN Identification Number/ Transport label	None - Not Required
Air Transport (IATA/ICAO) DG	Not regulated
Maritime (IMDG-Code)	Not regulated
Road (UN-ADR)	Not regulated
US DOT	Not regulated

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15. Regulatory information

Notification status

Regulatory List	Notification status
TSCA	Not all listed
DSL	Not all listed
EINECS	Not all listed
AICS	Not all listed
IECS	Not all listed
ENCS	all listed
ECI	All listed
NZIoC	Not all listed
PICCS	Not all listed

"Not all listed" indicates one or more component is either not on the public Inventory or is subject to exemption requirements. If additional information is needed contact Strand Europe.

Other regulations

American Conference of Governmental Industrial Hygienists (ACGIH):	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
International Agency for Research on Cancer (IARC):	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
U.S. National Toxicology Program (NTP):	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
U.S. Occupational Safety and Health Administration (OSHA):	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
California Prop. 65	This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.
U.S. - CERCLA/SARA (40 CFR § 302.4 Designation of hazardous substances):	No components of this product are subject to CERCLA/SARA (40 CFR § 302.4) list.
U.S. - CERCLA/SARA - Section 302 (40 CFR § 355 Appendices A and B - The List of Extremely Hazardous Substances and Their Threshold Planning Quantities):	No components of this product are subject to the SARA Section 302 (40 CFR 355) reporting requirements.

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U.S. - CERCLA/SARA - Section 313 (40 CFR § 372.65 Toxic Chemical Release Reporting):	No components of this product are subject to the SARA Section 313 (40 CFR § 372.65) reporting requirements.
U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances:	No components found on the California Director's List of Hazardous Substances.
U.S. - California - 8 CCR Section 5200-5220 - Specifically Regulated Carcinogens:	No components found on the California Specifically Regulated Carcinogens List.
U.S. - California - 8 CCR Section 5203 Carcinogens:	No components found on the California Section 5203 Carcinogens List.
U.S. - California - 8 CCR Section 5209 Carcinogens:	No components found on the California Section 5209 Carcinogens List.
U.S. - Massachusetts - General Law Chapter 111F (MGL c 111F) - Hazardous Substances Disclosure by Employers (a.k.a. Right to Know Law):	No components found on U.S. - Massachusetts - General Law Chapter 111F (MGL c 111F)
U.S. - Minnesota Employee Right-to-Know (5206.0400, Subpart 5. List of Hazardous Substances):	Glycerin.
U.S. - New Jersey - Worker and Community Right to Know Act (N.J.S.A. 34:5A-1):	Glycerin.
U.S. - Pennsylvania - Part XIII. Worker and Community Right-to-Know Act (Chapter 323 Hazardous Substance List, Appendix A):	No components found on U.S. Pennsylvania - Part XIII. Worker and Community Right-to-Know Act (Chapter 323 Hazardous Substance List, Appendix A).
U.S. - Rhode Island - Title 28 Labour and Labour Relations (Chapters 28-21 Hazardous Substance Right-to-Know Act):	No components found on Rhode Island - Title 28 Labour and Labour Relations (Chapters 28-21 Hazardous Substance Right-to-Know Act):

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16. Other information

The data below reflects current legislative requirements whereas the product in your possession may carry a different version of the label depending on the date of manufacture.

GHS-Labeling

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