

DK Leather / Vinyl Shield

SECTION 1. IDENTIFICATION

Product Identifier	DK Leather / Vinyl Shield
Other Means of Identification	117/118/121
Product Family	Mixture of: Water; Glycol ethers; Detergent; Silicate; Phosphates; Preservative ; Fragrance
Recommended Use	Automotive leather / vinyl protector.
Restrictions on Use	None known.
Manufacturer/Supplier Identifier	The Walker Group Manufacturing Inc., 3 Pullman Court, Toronto, Ontario, M1X1E4, 416-412-2970
Emergency Phone No.	Walker Group Manufacturing Inc., 416-412-2970 CANUTEC, 24 HR. Emergency Tel #613-996-6666

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

Other Hazards

Most important hazards:

Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

This material is not classified as hazardous under Canadian Hazardous Products Regulations (WHMIS 2015). and the U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012).

Hazard Not Otherwise Classified (HNOC):

Toxic fumes may be released during fire. May be mildly irritating to skin and respiratory system. May cause central nervous system effects May cause gastrointestinal irritation.

Environmental precautions:

Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Alkanes, C9-11-iso-	68551-16-6	3 - 7	N/A	C9-C11 Isoalkanes

Notes

Concentrations are expressed in % weight/weight. The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. If breathing has stopped, trained personnel should begin rescue breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation occurs, get medical advice or attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Some of the first-aid procedures recommended here require advanced first-aid training.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled and/or swallowed and/or on skin: may cause mild irritation. Can irritate the nose and throat. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. At high concentrations can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion. Repeated or prolonged exposure can irritate the skin. Symptoms include pain, redness, and swelling. Can irritate the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Immediate Medical Attention and Special Treatment

Target Organs

Blood, eyes, liver, respiratory system, skin.

Special Instructions

Provide general supportive measures and treat symptomatically. Monitor nervous system function. Monitor lung function. Monitor liver function.

Medical Conditions Aggravated by Exposure

Blood conditions, eye conditions, liver conditions, skin conditions.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

Specific Hazards Arising from the Product

Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde; corrosive, oxidizing nitrogen oxides. Other unidentified organic compounds.

Special Protective Equipment and Precautions for Fire-fighters

Fight fire from a safe distance or a protected location. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from fire fighting to enter drains or water courses. Dike and recover contaminated water for appropriate disposal.

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece

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operated in positive pressure mode. Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources if safe to do so. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

Other Information

Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Only use where there is adequate ventilation. Avoid generating vapours or mists. Do not get in eyes, on skin or on clothing. Wear personal protective equipment to avoid direct contact with this chemical. Wash hands thoroughly after handling this material. Avoid breathing in this product. Avoid release to the environment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep containers tightly closed when not in use or empty. Prevent accidental contact with incompatible chemicals. See Section 13 (Disposal Considerations) of this safety data sheet.

General hygiene considerations:

Do NOT eat, drink or store food in work areas. Do not get in eyes, on skin or on clothing. Avoid breathing in this product. Prevent all skin contact. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

Conditions for Safe Storage

Store in an area that is: dry, well-ventilated, cool, out of direct sunlight and away from heat and ignition sources, secure and separate from work areas, separate from incompatible materials (see Section 10: Stability and Reactivity). Restrict access to authorized personnel only. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet. Inspect periodically for damage or leaks.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Alkanes, C9-11-iso-	Not established	Not established	Not established	Not established	Not established	Not established

Consult local authorities for provincial or state exposure limits.

Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

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Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH -approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	White viscous liquid. Particle Size: Not available
Odour	Mild
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.98
Solubility	Slightly soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	2500 - 3000 centistokes at 25 °C (77 °F) (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Molecular Weight	Not available
Surface Tension	Not available
Critical Temperature	Not available
Saturated Vapour Concentration	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium

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hydroxide), metals (e.g. aluminum).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Alkanes, C9-11-iso-	Not available	34600 mg/kg (rat)	15400 mg/kg (rabbit)

LC50: No information was located.

Oral ATEmix = 524242.4 mg/kg

Dermal ATEmix = 233333.3 mg/kg

Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals. Symptoms include slight redness and swelling.

Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals. Symptoms include sore, red eyes, and tearing.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause nose and throat irritation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. At high concentrations symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Skin Absorption

Symptoms may include redness, rash, swelling and itching.

Ingestion

May cause irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Alkanes, C9-11-iso-	Not Listed	Not designated	Not Listed	Not Listed

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

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Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data is available on the product itself. Harmful to aquatic life, The product should not allowed to enter the drains or water courses, or be deposited where it can affect ground or surface waters.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Alkanes, C9-11-iso-	1000 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	1000 mg/L (Daphnia magna (water flea))	Not available	Not available

Persistence and Degradability

Not readily biodegradable.

Bioaccumulative Potential

No data is available on the product itself.

Mobility in Soil

No information was located.

Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Environmental Hazards Not applicable

Special Precautions Please note: Appropriate advice on safety must accompany the package.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

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Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

SECTION 16. OTHER INFORMATION

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Phone No. 416-412-2970
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Revision Indicators Revision Indicators.
Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank
IARC = International Agency for Research on Cancer
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
OSHA = US Occupational Safety and Health Administration
RTECS® = Registry of Toxic Effects of Chemical Substances
References NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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