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MATERIAL SAFETY DATA SHEET

REVISION DATE: 09/21/2004
DATE PRINTED: 10/18/2004

REVISION NUMBER: 1
PREPARED BY: Walter Friedlander

1. CHEMICAL PRODUCT

PRODUCT NAME: **LIQUID AUTO KAR KLEEN**
SDS FORM NUMBER: 4214

NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 0/0
Reactivity: 0/0 Special/Protective Equipment: None/B

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Practically non-toxic. May cause irritation. Vomiting.
SKIN CONTACT: Repeated or prolonged contact may irritate moderately.
INHALATION: None in normal use.
EYE CONTACT: Causes moderate eye irritation.
CHRONIC EFFECTS: None known.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS #	%	ACGIH TLV	OSHA PELs
Sodium tripolyphosphate 7758-29-4	1 - 5	NA	NA
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	NA	NA

4. FIRST AID MEASURES

INGESTION: Drink several glasses of water or milk. Contact physician if irritation persists.
SKIN: Rinse thoroughly with water.
INHALATION: Move person to fresh air.
EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA
METHOD: TCC
FLAMMABLE LIMITS IN AIR

LIQUID AUTO KAR KLEEN

- LOWER (%): None
- UPPER (%): None

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA: As for surrounding fire. Product will not burn.
FIRE FIGHTING PROCEDURES: None.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Mop up all possible. Rinse down drain.
LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS: NA
ENVIRONMENTAL PRECAUTIONS: NA
METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep from freezing.
OTHER PRECAUTIONS: Keep out of reach of children.
SPECIFIC USE(S): NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS: None known.
RESPIRATORY PROTECTION: None required.
PROTECTIVE GLOVES: Rubber or plastic gloves recommended to minimize skin contact.
EYE PROTECTION: Goggles. Face shield.
OTHER PERSONAL PROTECTION EQUIPMENT: None.
VENTILATION: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear red. Liquid. Odorless.
BOILING POINT (F): Above 212 F (C) NA
VAPOR PRESSURE: Unknown
VAPOR DENSITY (AIR=1): Unknown
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.088 - 1.098
VOC Content (%): NE
VOV Content (%): NE
EVAPORATION RATE: Unknown
PH: 12.15 - 13.15

LIQUID AUTO KAR KLEEN

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Hydrogen halides
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and oxidizers.
CONDITIONS/HAZARDS TO AVOID: None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS #	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed	Listed	Listed	Not Listed
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS #	%	CERCLA:	SARA 302:	SARA 313:
Sodium tripolyphosphate 7758-29-4	1 - 5	2270 kg 5000 lb	Not Listed	Not Listed
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	1000 lb 454 kg	Not Listed	Not Listed

LIQUID AUTO KAR KLEEN

PRODUCT COMPOSITION CAS #	%	Canada WHMIS:
Sodium tripolyphosphate 7758-29-4	1 - 5	Uncontrolled product according to WHMIS classification criteria.
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	D2B

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS #	%	MARTK:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS #	%	NJRTK:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS #	%	PARTK:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed
Sodium dodecylbenzene sulfonate 25155-30-0	5 - 10	Listed

16. OTHER INFORMATION

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

***** END OF MSDS *****