



19 March 1996

Sent Via Fed. Ex. Airbill
No. 9612114643

Ms. Mary McGehee
Florida Department of Environmental Protection
Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803-3767



RE: Minor Modification to Operating Permit Application for Safety-Kleen Corporation
Sanford Facility; FLD 984171165
Request to Terminate Aqueous Brake Cleaner Waste

Dear Ms. McGehee:

Safety-Kleen Corporation is submitting this minor modification to its Sanford Operating Permit Application to request permission to terminate aqueous brake cleaner at the Sanford Branch. Currently aqueous brake cleaner is handled as a transfer waste. Safety-Kleen offers the aqueous brake cleaner service to our customers as an alternative to using petroleum naphtha based solvents for brake cleaning. Petroleum naphtha based brake cleaner is terminated at the branch by bulking in the 20,000 gallon spent solvent tank. The branch would like to handle the aqueous brake cleaner waste stream in a similar manner.

The current waste codes associated with the aqueous brake cleaner waste stream are D006 and D039. Safety-Kleen is requesting permission to terminate the waste stream at the facility by adding the waste to the 20,000 gallon spent solvent tank via the wet dumpster at the Return & Fill dock. The brake cleaner waste stream is handled in 5 gallon plastic fiber containers. The aqueous brake cleaner hazardous waste codes are consistent with the waste material stored in the spent solvent tank.

A Material Safety Data Sheet is enclosed for the aqueous brake cleaner. Included is a check for \$250.00 to cover the costs of the minor permit modification. Four copies of this permit modification request letter have been enclosed to include in your copies of our permit application. If you have any questions concerning this modification request, please call me at (904) 576-5979.

Sincerely,

Richard R. Morris
Environmental Health & Safety Manager

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Enclosure

SAFETY-KLEEN AQUEOUS CLEANER
MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

SECTION 1 -- PRODUCT AND PREPARATION INFORMATION

PRODUCT INFORMATION

IDENTITY (TRADE NAME): SAFETY-KLEEN AQUEOUS CLEANER

SYNONYMS: Not available.

SK PART NUMBER: 6300

FAMILY/CHEMICAL NAME: Not available.

PRODUCT USE: Cleaning and degreasing metal parts.
If this product is used in combination with other chemicals, refer to the Material Safety Data Sheets for those chemicals.

24-HOUR EMERGENCY TELEPHONE MEDICAL:

These numbers are for emergency use only. If you desire non-emergency information about this product, please call a telephone number listed below.

1-800-752-7869 (USA)
1-312-942-5969 (CANADA)

TRANSPORTATION:

1-708-888-4660 (USA)
1-613-996-6666 (CANADA)

MANUFACTURER/SUPPLIER: Safety-Kleen Corp. - 1000 North Randall Road - Elgin, IL, 60123-7857 USA
Telephone number: 1-800-669-5740
Safety-Kleen Canada Inc. - 300 Woolwich Street South - Breslau, ON, Canada N0B 1M0
Telephone number: 1-800-265-2792

PREPARATION INFORMATION

MSDS FORM NO.: 82470 **REVISION DATE:** October 12, 1994

ORIGINAL ISSUE DATE: March 23, 1992 **SUPERSEDES:** August 18, 1993

PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force

TELEPHONE NUMBER: For Product Technical Information Call 1-312-694-2700 (USA); 1-519-648-2291 (Canada)

SECTION 2 -- HAZARDOUS COMPONENTS

NAME	SYNONYM	CAS NO.	WT%	OSHA PEL		ACGIH TLV		OTHER DATA	
				TWA	STEL	TWA	STEL	LD ^a	LC ^b
Alcohols, C12-14-secondary, ethoxylated	Alkyloxy polyethylene oxyethanol	84133-50-6	2	N.Av.	N.Av.	N.Av.	N.Av.	N.Av.	N.Av.

N.Av. = Not Available

^aOral-Rat LD50

^bInhalation LC

SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

EYES: For direct contact, flush eyes with water for 15 minutes lifting upper and lower lids occasionally. Material misting is unlikely. However, if irritation or redness from exposure to mist develops, move victim away from exposure into fresh air. Consult physician if irritation or pain persists.

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SKIN: Remove contaminated clothing and shoes. Wash skin twice with soap and water. Consult physician if irritation or pain persists.

INHALATION:
(Breathing) Inhalation of material is unlikely. Nevertheless, if inhalation occurs, remove to fresh air immediately. Use oxygen if there is difficulty breathing or artificial respiration if breathing has stopped. Do not leave victim unattended. Seek immediate medical attention if necessary.

INGESTION:
(Swallowing) Seek immediate medical attention. Drink two glasses of water. Do NOT induce vomiting. If spontaneous vomiting occurs, keep head below hips to avoid aspiration (breathing) into the lungs.

SPECIAL NOTE TO PHYSICIAN: No specific antidote available. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Call emergency telephone number (see Section 1) for additional information.

SECTION 4 -- HEALTH HAZARD DATA AND TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF EXPOSURE: Eye and skin contact; inhalation, ingestion.

EXPOSURE LIMITS: See Section 2.

SIGNS AND SYMPTOMS OF EXPOSURE

ACUTE: *Eyes:* Contact with liquid may cause stinging, tearing, itching, swelling, or redness, with possible injury.

Skin: Contact with liquid may cause irritation. No significant skin absorption hazard.

Inhalation (Breathing): Inhalation of material is unlikely. Nevertheless, inhalation of misted material may irritate the respiratory tract.

Ingestion (Swallowing): Harmful if swallowed. May cause mouth and throat irritation, nausea, abdominal discomfort, diarrhea, vomiting, and central nervous system depression. Breathing into the lungs during ingestion or vomiting may cause lung injury and possibly death.

CHRONIC: Prolonged or repeated eye contact may cause conjunctivitis. Prolonged or repeated skin contact may cause drying, cracking, or dermatitis.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE: Individuals with pre-existing skin disorders may have increased susceptibility to the effects of exposure.

CARCINOGENICITY: Not applicable.

Also see Section 9.

OTHER POTENTIAL HEALTH HAZARDS:

The following information is required by Canadian WHMIS regulations. Irritancy is covered in Signs and Symptoms of Exposure in Section 4. There is no known human sensitization, toxicologically synergistic product, reproductive toxicity, mutagenicity, or teratogenicity associated with this product as a whole.

SECTION 5 -- FIRE AND EXPLOSION HAZARD DATA

EMERGENCY RESPONSE GUIDE NUMBERS:

31
Reference *DOT Emergency Response Guidebook*
49
Reference *Dangerous Goods Initial Emergency Response Guide*

FIRE AND EXPLOSION HAZARDS:

This is an aqueous solution and is not expected to sustain combustion. Not sensitive to mechanical impact or static discharge.

FIRE FIGHTING PROCEDURES:

Not applicable. (Combustion is not expected.)

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EXTINGUISHING MEDIA:	Water, alcohol-resistant foam. (Combustion is not expected.)
CONDITIONS OF FLAMMABILITY:	Not applicable. (Combustion is not expected.)
FLASH POINT:	Not applicable. (Combustion is not expected.)
AUTOIGNITION TEMPERATURE:	Not applicable. (Combustion is not expected.)
FLAMMABLE LIMITS IN AIR:	LOWER: Not applicable. (Combustion is not expected.) UPPER: Not applicable. (Combustion is not expected.)
HAZARDOUS COMBUSTION PRODUCTS:	Although combustion is not expected, if burning occurs, toxic compounds may be produced.

SECTION 6 -- REACTIVITY DATA

STABILITY:	Stable under normal temperatures and pressures, and not reactive with water.
INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID):	None known under normal temperatures and pressures.
HAZARDOUS POLYMERIZATION:	Not known to occur under normal temperatures and pressures.
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal temperatures and pressures.

SECTION 7 -- PREVENTIVE MEASURES

PRECAUTIONS FOR SAFE USE AND HANDLING

HANDLING

PRECAUTIONS: Minimize contact with eyes, skin, clothing, or shoes. Avoid breathing mist.

PERSONAL HYGIENE:

Use good personal hygiene. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco products. Clean contaminated clothing, shoes, and protective equipment before reuse. Discard contaminated clothing, shoes, or protective equipment if they cannot be thoroughly cleaned.

SHIPPING AND STORING PRECAUTIONS:

Keep container tightly closed when not in use and during transport. Empty product containers may contain product residue.

SPILL PROCEDURES:

Stop leak if you can do it without risk. Wear protective equipment specified in Section 7, CONTROL MEASURES. Contain away from surface waters and sewers. If possible, sorb with compatible sorbent material and shovel into closable container for proper disposal. See *DOT Emergency Response Guidebook* guide number 31 or *Dangerous Goods Initial Emergency Response Guide* guide number 49 for more information.

WASTE DISPOSAL METHODS:

Dispose in accordance with federal, state, provincial, and local regulations. Contact Safety-Kleen regarding recycling or proper disposal.

CONTROL MEASURES

EYE PROTECTION:

Where there is likelihood of eye contact, wear chemical goggles; use of contact lenses is not recommended.

PROTECTIVE GLOVES:

Use PVC or equivalent gloves to prevent contact with skin; use of natural rubber or equivalent gloves is not recommended.

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RESPIRATORY PROTECTION:	None required with normal use. However, if required, the selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134 or in Canada with CSA Standard Z94.4-M1982.
ENGINEERING CONTROLS:	No specific controls are needed.
OTHER PROTECTIVE EQUIPMENT:	Where spills and splashes are likely, wear appropriate protective clothing. Clean water should be available in work areas for flushing the eyes and skin.

SECTION 8 -- PHYSICAL DATA

PHYSICAL STATE, APPEARANCE AND ODOR:	Liquid, clear, colorless or blue, odorless.
ODOR THRESHOLD:	Not applicable.
SPECIFIC GRAVITY:	1 (water = 1) (approximately)
DENSITY:	8.33 lb/US gal (1000 g/l) (approximately)
VAPOR DENSITY:	0.6 (air = 1) (approximately)
VAPOR PRESSURE:	17.5 mm Hg at 68°F (20°C) (approximately)
BOILING POINT:	212°F (100°C) (approximately)
FREEZING POINT:	32°F (0°C) (approximately)
pH:	greater than 7 (approximately)
VOLATILE ORGANIC COMPOUNDS: (PHOTOCHEMICALLY REACTIVE AS PER 40 CFR PART 51.100 (S))	3 WT%; 0.2 lb/US gal; 30 g/l (approximately)
EVAPORATION RATE:	less than 1 (butyl acetate = 1) (approximately)
SOLUBILITY IN WATER:	Complete.
COEFFICIENT OF WATER/OIL DISTRIBUTION:	greater than 1
MOLECULAR WEIGHT:	Not available.

SECTION 9 -- OTHER REGULATORY INFORMATION

TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Not regulated.
DOT CLASS:	Not regulated.
DOT ID NUMBER:	Not regulated.
TDG CLASSIFICATION:	Not regulated.

SARA TITLE III:	Components listed in Section 2 are not subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
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Product poses the following health hazard as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

Immediate (Acute) Health Hazard

WHMIS CLASSIFICATION:

Not regulated.

TSCA:

All the components of this product are listed on, or are exempted from the requirement to be listed on, the TSCA Inventory.

CALIFORNIA:

This product is not for sale or use in the State of California.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.