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MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY #
CHEMTREC 800-424-9300

312

TWI PRODUCT NAME
ALKA-KLEEN CK20

EFFECTIVE DATE 3-3-03

THE WAY INC.
P.O. BOX 968
PICAYUNE, MS 39466
601-798-5757

"PRODUCTS AND SERVICE THE WAY YOU WANT THEM"

PRODUCT IDENTIFICATION

CHEMICAL NAME: N/A

TRADE NAME: ALKAKLEEN CK20

Talens Aero Clean

CHEMICAL FAMILY: INORGANIC HALOGEN/ POTASH BLEND

CHEMICAL FORMULA: BLEND

CAS NUMBER: N/A

PHYSICAL DATA

BOILING POINT: >212 F

SPECIFIC GRAVITY: 1.14

VAPOR PRESSURE: APPROXIMATELY EQUAL TO WATER

EVAPORATION RATE: APPROXIMATELY EQUAL TO WATER

VAPOR DENSITY: APPROXIMATELY EQUAL TO WATER

SOLUBILITY IN WATER: COMPLETE

APPEARANCE: BROWN COLORED LIQUID

ODOR: SLIGHT CAUSTIC ODOR

TWI MATERIAL SAFETY DATA SHEET
"PRODUCT NAME"-ALKA-KLEEN CK20

HAZARDOUS INGREDIENTS

NAME	CAS NUMBER	% BY VOLUME	TLV	OSHA CARCINOGEN
SODIUM HYDROXIDE, POTASSIUM HYDROXIDE SOLUTION	1310-73-2 1310-58-03	<5 <15	2 MG/M3 2 MG/M3	NO NO
DIPROPYLENE GLYCOL METHYL ETHER	3459-94-8	<3	TWA=25PPM STEL=75PPM	NO

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: STRONG ACIDS

HAZARDOUS POLYMERIZATION: NOT KNOWN TO
OCCUR

CONDITIONS TO AVOID: MIXXING WITH STRONG
ACIDS

ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR LEAKS/SPILLS: SOAK UP WITH SUITABLE NONREACTIVE
ABSORBENT MATERIAL.

DISPOSAL METHOD: DISPOSAL PRACTICES MUST ALWAYS BE IN COMPLIANCE
WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

HEALTH AND HAZARD DATA

EYES: WILL CAUSE IRRITATION.

SKIN: WILL CAUSE IRRITATION, PARTICULARLY WITH SENSITIVE INDIVIDUALS.

INGESTION: WILL CAUSE GASTROINTESTINAL IRRITATION.

RESPIRATORY: WILL CAUSE RESPIRATORY TRACT IRRITATION.

EMERGENCY AND FIRST AID PROCEDURES

EYES: IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION.

SKIN: WASH OFF IN FLOWING WATER OR SHOWER.

INGESTION: DO NOT INDUCE VOMITING. DILUTE WITH WATER AND SEEK MEDICAL ATTENTION.

RESPIRATORY: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION

HANDLING REACTIONS

VENTILATION: MAINTAIN ADEQUATE VENTILATION, EITHER NATURALLY OR MECHANICALLY.

RESPIRATORY: ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW EXPOSURE GUIDELINES.

SKIN: MINIMIZE SKIN CONTAMINATION BY USING GOOD INDUSTRIAL PRACTICES. WEAR CHEMICAL RESISTANT RUBBER OR OTHER PROTECTIVE GLOVES.

EYES: SAFETY GLASSES WITH SPLASH GUARDS, MONOGOGGLES OR FACE SHIELDS.

OTHER: RUBBER BOOTS

REGULATORY INFORMATION (NOT MEANT TO BE ALL INCLUSIVE --SELECTED REGULATIONS)

NOTICE: THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE SHOWN ABOVE. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED, IS GIVEN. REGULATORY REQUIREMENTS ARE SUBJECT TO CHANGE AND MAY DIFFER FROM ONE LOCATION TO ANOTHER; IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE, PROVINCIAL, AND LOCAL LAWS. SEE MSD SHEET FOR HEALTH AND SAFETY INFORMATION.

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MATERIAL SAFETY DATA SHEET

TWI PRODUCT NAME: **AeroClean**
MANUFACTURED FOR: Talens Marine & Fuel
ADDRESS: P.O. Box 968
Picayune, MS 39466

EFFECTIVE DATE: 5-12-05

For Chemical Emergency, Spill, Leak, Exposure or Accident:
CALL CHEMTREC: (800)-424-9300 (24 HR EMERGENCY #)
For Non-Emergency Health and Safety Information
Call (601)-798-5757

PRODUCT IDENTIFICATION

Trade Name: AeroClean
Chemical Formula: Proprietary

HAZARDOUS INGREDIENTS

NAME	CAS #	% By Weight	Exposure Limit
2-ButoxyEthanol	111-76-2	2	TWA=25ppm non-carcinogenic

PHYSICAL DATA

BOILING POINT: >212 °F	SPECIFIC GRAVITY: 1.036
VAPOR PRESSURE (mm Hg): Approximately equal to water	VAPOR DENSITY (Air=1): Approximately equal to water
SOLUBILITY IN WATER: Complete	REACTIVITY IN WATER: None
APPEARANCE and ODOR: Purple liquid, slight chemical odor	EVAPORATION RATE: Approximately equal to water

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None	FLAMMABLE LIMITS: N/A
AUTOIGNITION TEMPERATURE: N/A	EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING INSTRUCTIONS: N/A	
UNUSUAL FIRE AND EXPLOSION HAZARDS: None	

REACTIVITY DATA

STABILITY: Stable	INCOMPATIBILITY: None
HAZARDOUS POLYMERIZATION: Not known to occur	CONDITIONS TO AVOID: None

ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR LEAKS/SPILLS: Contain spills and leaks. Do not allow into ground water or runoff water.
DISPOSAL METHOD: Consult Federal, State and Local Regulations and Laws.

HEALTH AND HAZARD DATA

ACUTE: Skin and eye irritant. May be harmful if swallowed.
CHRONIC: Not Known
CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NO
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Sensitive skin

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR.
EYES: FLUSH WITH WATER, PREFERABLY COLD FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN: WASH OFF IN FLOWING WATER OR SHOWER FOR AT LEAST 15 MINUTES.
INGESTION: DO NOT INDUCE VOMITING. DRINK 3-4 GLASSES OF WATER, CONSULT A PHYSICIAN.

HANDLING PRECAUTIONS

VENTILATION: Maintain adequate ventilation.
RESPIRATORY: None under normal conditions.
SKIN: Minimize skin contamination by using good industrial practices. Wear chemical resistant rubber, PVC, neoprene, or other elastomer protective gloves.
EYES: Safety glasses with splashguards, monogoggles, or face shields.
OTHER: As needed to prevent contact with skin.
WORK/HYGIENIC PRACTICES: Wash with soap and warm water after contact. Keep area and equipment clean.
HMIS: Health 1, Flammability 0, Reactivity 0

DOCUMENTARY INFORMATION (NOT MEANT TO BE ALL INCLUSIVE—SEE REGULATIONS)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state, provincial, and local laws.