

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT HURRISAFE READY TO USE AIRCRAFT CLEANER

FILE NO.: 8065
MSDS DATE: 11/10/08

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HURRISAFE (HK-588)
SYNONYMS:
PRODUCT CODES: 8065 Ready To Use All Purpose Aircraft Cleaner

MANUFACTURER: PCI OF AMERICA
DIVISION:
ADDRESS: 2701 TOWER OAKS BLVD, SUITE 300
ROCKVILLE MARYLAND 20852

EMERGENCY PHONE: 1-800 222-1455
OTHER CALLS: 301 468-1700
FAX PHONE: 301 468-1744

CHEMICAL NAME: mixture
CHEMICAL FAMILY:
CHEMICAL FORMULA:

PRODUCT USE: READY TO USE AIRCRAFT CLEANER
PREPARED BY: BOBBIE PETTIT

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>Name</u>	<u>CAS NO.</u>	<u>PEL</u>	<u>TLV</u>	<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
EYTHYLENE GLYCOL N BUTYL ETHER	111-76-2	25 PPM	120 MG/M3	<8	

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: NA

ROUTES OF ENTRY: Skin,

POTENTIAL HEALTH EFFECTS
EYES: Redness, Irritation possible

SKIN: Irritation, dry skin

INGESTION: none

INHALATION: none

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: none

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

CARCINOGENICITY

OSHA: No ACGIH: No NTP: No IARC: No
OTHER:

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SECTION 4: FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Contact physician if irritation persists

SKIN: Wash with soap and water for 15 minutes. If irritation develops seek medical attention.

INGESTION: Give person 2 glasses water if conscious and alert. Contact physician; do not induce vomiting unless directed by medical authority.

INHALATION: Move to fresh air. If not breathing administer artificial respiration.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: This is a relatively innocuous substance not expected to cause harm. Should treatment ever be required, it would be directed at control of symptoms.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: None
(% BY VOLUME) **LOWER:** None

FLASH POINT: None

F:

C:

METHOD USED: TCC

AUTOIGNITION TEMPERATURE: N/A

F: n/a

C: n/a

NFPA HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PROTECTION: A

EXTINGUISHING MEDIA: Water or fire extinguisher

SPECIAL FIRE FIGHTING PROCEDURES: no special fire fighting procedures required

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Small spills: flush with water, large spills: Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: DO NOT USE OR STORE
NEAR HEAT OR OPEN FLAME.

OTHER PRECAUTIONS:

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SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Normal, forced ventilation should not be required

RESPIRATORY PROTECTION: Not required

EYE PROTECTION: safety glasses

SKIN PROTECTION: Impervious gloves such as neoprene can be used if skin is easily irritated with cleaners

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after use. Wear plastic apron if excessive spashing is expected. If clothing becomes soaked, remove shower and wash clothing.

EXPOSURE GUIDELINES: see Section 2

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: liquid

ODOR: Non offensive odor

PHYSICAL STATE: liquid

pH AS SUPPLIED: 11.1- 11.4

pH (Other): diluted 1:3 with water (10.4-10.9)

BOILING POINT:

F: 212

C: 178

MELTING POINT: N/A

F:

C:

FREEZING POINT: 48 or more hours

F: < 32

C: <0

VAPOR PRESSURE (mmHg):

@ 14.2 mm Hg

F: 77

C: 25

VAPOR DENSITY (AIR = 1): 0.62

F: 77

C: 25

SPECIFIC GRAVITY (H₂O = 1): 1.01

F: 77

C: 25

EVAPORATION RATE: <1

BASIS (Butyl Acetate =1):

SOLUBILITY IN WATER: 100%

PERCENT SOLIDS BY WEIGHT: not tested

PERCENT VOLATILE: N/a

F: 77

C: 25

VOLATILE ORGANIC COMPOUNDS (VOC):

SCAQMD Method 313-91

As received in Ready to Use : 10 gm/l

VOC: PERCENT BY WEIGHT

As received in Ready To Use: 0.0834522528 %

WEIGHT lb/per gallons: 8.45

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

STABILITY: YES

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid oxidizing material

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: none

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Routes of Entry: Skin LCD FOR SKIN ABSORPTION IN RABBITS IS 220MG/KG

Ingestion: The oral LD50 for rats is 470 mg/kg

Inhalation: The LCD 50 for rats 700 ppm in 7 hours

Mutagenicity: In Vitro =mutagenicity studies were inconclusive. Animal mutagenicity studies were negative.

Effects of Chronic exposure to Product: This is relatively innocuous substance not expect to cause harm, should treatment ever be required, it would be directed at control of symptoms.

Irritancy to Product: skin Irritant, may cause skin dryness and irritation.

Synergistic products: None

Evidence of Carcinogenicity, Reproductive, Toxicity, Teratogenicity or mutagenicity: None

Sensitivity to Product: N/A

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Readily biodegradable: as per USEPA 796.3200

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, State and Federal regulations

RCRA HAZARD CLASS: Considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

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U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compound

Non-Hazardous Class: 55

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT: non flammable, non-combustible non-hazardous

WATER TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compound

NON-HAZARD CLASS: 55

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS: non flammable, non-combustible non-hazardous

AIR TRANSPORTATION

PROPER SHIPPING NAME: CLEANING COMPOUND

Non-HAZARD CLASS: 55

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS: non flammable, non-combustible non-hazardous

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All Chemicals are listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): none

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): none

311/312 HAZARD CATEGORIES: none

313 REPORTABLE INGREDIENTS: none

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: STORE IN COOL DRY AREA/ PREVENT FREEZING, IF FROZEN ALLOW TO THAW, STIR WELL AND USE.

PREPARATION INFORMATION: BOBBIE PETTIT

DISCLAIMER: The information of this MSDS is based on the present state of our knowledge and on current US, EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.