

SAFETY DATA SHEET

Reviewed 2/10/15
SDS Date 2/10/15
Supersedes New

For 24 Hr Emergency Assistance involving
chemical call - ChemTel 800-255-3924

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Horizon HDS
PRODUCT DESCRIPTION: Liquid surfactant blend
CHEMICAL FAMILY: Liquid detergent
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Diethanolamine	111-42-2	2-4	none	1mg/m3

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT	>200° F	SPECIFIC GRAVITY:	1.01-1.03
VAPOR PRESSURE	NE	% VOLATILE BY VOLUME:	85 - 90% as water
VAPOR DENSITY	NE	EVAPORATION RATE:	N/E
SOLUBILITY IN WATER:	Complete	FREEZING POINT:	32° F
PHOSPHOROUS CONTENT:	1%	pH @ 100%:	9.0 -11.0
APPEARANCE AND ODOR	Clear viscous liquid with neutral odor		

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: >200° F
EXTINGUISHING MEDIA: CO₂, water
SPECIAL FIREFIGHTING PROCEDURES: None required
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
FLAMMABLE LIMITS: NE

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:
INGESTION: May cause vomiting, nausea and diarrhea
SKIN: May cause slight irritation
EYES: Will cause irritation
INHALATION: None
IN ALL CASES: Seek medical attention
FIRST AID PROCEDURES:
INGESTION: Give plenty of water
SKIN: Rinse with cold water
EYES: Flush with plenty of water
INHALATION: Not required
Do not induce vomiting

Section 6: REACTIVITY DATA

STABLE: X UNSTABLE:
CONDITIONS TO AVOID: Excessive heat
INCOMPATIBILITY: Strong oxidizers, acids and bases
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen
HAZARDOUS POLYMERIZATION OCCURS: DOES NOT OCCUR: X

Section 7: STORAGE, HANDLING AND USE

STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED: Contain large spills with dikes and collect for proper disposal.
For small spills pick up with absorbent media and place in sealed container for proper disposal.
WASTE DISPOSAL METHOD: It is the responsibility of the user of this product to determine, at the time of disposal, whether the product meets the criteria for hazardous waste
HANDLING AND STORAGE: Avoid excessive heat

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: None required if engineering controls maintain airborne concentrations below recommended exposure limits.
VENTILATION: Moving air in work area
PROTECTIVE GLOVES: Butyl or neoprene rubber
EYE PROTECTION: Safety glasses, chemical goggles or full face shield
OTHER EQUIPMENT: Boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes.

Section 9: TRANSPORTATION & REGULATORY INFORMATION

PROPER SHIPPING NAME: Not DOT Regulated
HAZARD CLASS: None
ID NUMBER: None
LABEL REQUIREMENTS: No special label required
PACKING GROUP: None
CALIFORNIA PROP. 65: Diethanolamine

Section 10: OTHER INFORMATION

SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN!
HMIS Ratings (0=Minimal, 1= Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)
Health: 1 Flammability: 0 Reactivity: 0

N/A = Not Applicable N/E = Not Established

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