

SAFETY DATA SHEET										
NEX-XOS Ready-To-Eat Meals Self Heating Meal										
Synonyms: XMRE BLUELINE®, XMREBL12H, ready to eat meals with NXH Heating Pad										
Section I- MANUFACTURERS INFORMATION	Section VI- REACTIVITY DATA									
Manufacturers Name: NEX-XOS Worldwide, LLC	Stability: Water Activated- Very HOT when activated (CAUTION) Incompatibilities: Strong oxidizing agents Reacts violently with with: Halogens, chlorinated solvents Hazardous decomposition or by products: If packing is penetrated, saturation of one NXH Heating pad by water slowly produces harmless trace amounts of hydrogen gas. Hazardous Polymerization: Will not occur. Chemical Stability: Stable under operation and recommended storage conditions									
NEX-XOS-PRODUCT CONTENT SPECIFICATIONS	Section VII- ACCIDENTAL RELEASE									
Description : Various individually packed and hermetically sealed food and non-food components contained in a Water Proof Tamper proof High resistance Poly bag. Total Contents Net Weight (g) : 350 to 600 NXH Heating Pad Net Weight (g) : 30 -40 NXH Heating Pad % of Total Net Weight 5% to 11.5 %	Steps to be taken in case material is released or spilled from package: Collect spilled NXH Heating Pad 's and inspect bags: If bag punctured or torned and is wet discard as waste. Waste Disposal Method: Used NXH Heating Pad (reacted with water) are approved for disposal as ordinary household waste. In all circumstances, NXH Heating Pad's must be disposed of in accordance with all applicable municipal, state and federal waste disposal regulations.									
Section II -HAZARDOUS INGREDIENTS INFORMATION	Section VIII- SPECIAL PROTECTION EQUIPMENT									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">NXH Heating Pad</th> <th style="text-align: center;">Composition</th> <th style="text-align: center;">% weight</th> </tr> </thead> <tbody> <tr> <td>Active : Aluminum powder (CAS 7429-90-5)</td> <td></td> <td style="text-align: center;">20-35</td> </tr> <tr> <td>(all other non-toxic food grade materials)</td> <td></td> <td style="text-align: center;">65-80</td> </tr> </tbody> </table>	NXH Heating Pad	Composition	% weight	Active : Aluminum powder (CAS 7429-90-5)		20-35	(all other non-toxic food grade materials)		65-80	For bulk quantities of stored MRE's, in a fire, fire fighters should use self contained breathing apparatus due to hazardous off-gasing.
NXH Heating Pad	Composition	% weight								
Active : Aluminum powder (CAS 7429-90-5)		20-35								
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Section III- PHYSICAL/CHEMICAL CHARACTERISTICS	Section IX- SPECIAL PRECAUTIONS									
NXH Heating Pad Appearance: Gray/white powder packed in porous sealed polyester blend fabric, overwrapped in foil. Boiling point: N/A Flashpoint: not flammable Vapor Pressure: N/A Vapor Density: N/A Solubility in water: N/A Specific Gravity: N/A Melting point: N/A Melting point(F): 1221 (Al)	Precautions to be taken in Handling and Storage Warehouses were large quantities of bulk MRE's with heater units should protect against physical damage, especially the puncturing of cases during operation of forklifts. Pallets and/or single units should be kept in a dry cool place, and protected against accidental water, rain or snow. Pallets or single units should be kept wrapped until use or re-packing. Segregate or keep away from strong chemicals, such as oxidizers, flammable materials or munitions. SDS should be made available to local fire Department in case on emergency.									
Section IV-FIRE FIGHTING MEASURES	Section X-Transportation									
Flash point: not flammable Extinguishing media: dry chemicals, D-Class fire extinguisher, dry sand, or lime. Do not use: water, carbon dioxide, foam or A,B or C class extinguishers. Explosion Data: sensitivity to mechanical impact: None Sensitivity to static discharge: Yes	The US DOT has determined that FRH's. (NXH Heating Pad) that contains 8 grams or less of a metal (magnesium) is exempt from Hazardous Materials Regulation ((HMR), regardless of of the number of MRE's in a package. Magnesium levels of more than 8 grams must conform with the applicable requirements of the HMR (DOT Letter 7JUL92) NEX-XOS Ready-to-Eat meals with NXH Heating Pad are Magnesium Free. Disposal: NXH Heating Pads that have not been properly activated must be disposed as a hazardous waste. Dispose of in accordance wit all applicable national environmental laws and regulations.									
Section V-FIRST AID MEASURES										
If in Eyes (NXH Heating Pad Contents): rinse cautiously with water 15 minutes. Remove contact lenses, if present. Call physician or poison control center immediately. Skin Contact: If on skin (or hair) Remove/take off all contaminated clothing. Rinse skin with water/shower. Call a physician immediately. inhalation. If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Ingestion Never give anything by mouth to an unconscious Person, DO NOT Induce vomiting. Indication of any immediate medical attention and special treatment needed: Treat Symptomatically, symptoms may be delayed.										
DISCLAIMER										
The information, data, and recommendations container herein are believed to be correct at the time of writing. All materials and mixtures may present unknown hazards and should be used with caution. When necessary or appropriate, independent opinions regarding the risk of handling or exposure should be obtained by trained professionals. Revision Date: NX-9/16/20										