



ZYVAX, INC.

P.O. Box 1825, Ellijay, GA 30540 USA
T +1 706 698 4405 | F +1 706 635 8103
cco@zyvax.com | Zyvox.com

FRESH START

According to Regulation (EC) 1272/2008 and (EU) No 453/2010

Revision Date: 01 DEC 2012

SAFETY DATA SHEET

Version: 1.0

Revision: 00

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: **FRESH START**
Product code: **FSTCW**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: **NON-HAZARDOUS MOULD CLEANER**
Recommended use of product: Water-based cleaner for moulds or tool surfaces.
Uses advised against: For industrial use only – Not for the general public.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:	Zyvox	Zyvox	Zyvox
Company address:	P.O. Box 1825 Ellijay 30540 Georgia United States of America	Apartado 12333 Valencia 46020 Valencia Spain	P.O. Box 3387 Putney 2112 NSW Australia
Telephone:	+1 706 698 4405	+34 96 338 4338	+61 2 9807 4132
Fax:	+1 706 635 8103	+34 96 338 4342	+61 2 9807 4165
Email:	reach@zyvax.com	reach@zyvax.com	reach@zyvax.com
Website:	www.zyvax.com	www.zyvax.com	www.zyvax.com

1.4 Emergency telephone number

For calls within U.S.A. and Canada:	+1 800 424 9300	Hours of operation: 24/7
For calls outside of U.S.A. and Canada:	+1 703 527 3887	Hours of operation: 24/7

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:
None known NOT HAZARDOUS
2.1.2 Classification according to Directive 67/548/EEC; 1999/45/EC:
None known NOT DANGEROUS
2.1.3 Additional information:
This product is water-based and solvent-free.

2.2 Label elements

Hazard pictograms:	None			
Signal words:	None			
Hazard statements:	None			
Precautionary statements:	None			

2.3 Other hazards

None Known

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Description of the mixture : The mixture is not classified as hazardous. It does not contain hazardous substances above the account limit.

Identification Name	CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1272/2008 (CLP)
Proprietary Detergent Blend	31694-55-0	Not applicable	Not applicable	-	55%	Non-classified constituent	Non-classified constituent



SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

First aid instructions by relevant routes of exposure; Advice for medical attention by relevant routes of exposure

- P103: Read label before use.
 P304+P340: IF INHALED; Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P303+P361+P353: IF ON SKIN; Remove/Take off immediately all contaminated clothing and rinse skin with water/shower.
 P302+P352: IF ON SKIN; Wash with plenty of soap and water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+P330+P331: IF SWALLOWED; Rinse mouth. Do NOT induce vomiting.
 P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- P342+P313: If experiencing respiratory symptoms: Get medical advice/attention.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313: If eye irritation persists: Get medical advice/attention.

4.3 Indication of any immediate medical attention and special treatment needed

- P331: Do NOT induce vomiting.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media****5.1.1 Suitable extinguishing media:**

This product will not burn. In case of fire nearby; Fight fire with normal precautions from a reasonable distance.

5.1.2 Unsuitable extinguishing media:

None known

5.2 Special hazards arising from the substance or mixture

None known

5.3 Advice for firefighters

Wear fire/ flame resistant/retardant clothing. Wear respiratory protection.
 In case of fire; Fight fire with normal precautions from a reasonable distance.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Read label before use.
 Wear protective gloves / protective clothing / eye protection / face protection.
 Use personal protective equipment as required.
 Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
 Stop leak if safe to do so.
 Evacuate area.
 Eliminate all ignition sources if safe to do so.
 Collect spillage.

6.2 Environmental precautions

Avoid release to the environment.
 Absorb spillage to prevent material damage.

6.3 Methods and material for containment and cleaning up**6.3.1 Appropriate containment techniques**

Keep container tightly closed.
 Avoid breathing dust / fume / gas / mist / vapours / spray.
 Contaminated work clothing should not be allowed out of the workplace.
 Avoid release to the environment.
 Stop leak if safe to do so.
 Absorb spillage to prevent material damage.
 Collect spillage.
 Follow instructions in accordance with your local / regional / national regulation.

- 6.3.2 *Appropriate clean-up procedures*
 Do not handle until all safety precautions have been read and understood.
 Do not get in eyes, on skin, or on clothing.
 Use personal protective equipment as required.
 In case of inadequate ventilation (aerosol formation) wear respiratory protection.
 Keep cool. Protect from sunlight.
 Avoid release to the environment.
 Take off contaminated clothing and wash before reuse.
 Collect spillage.
 Dispose of content/container to suitable receptacle in accordance with your local / regional / national / international regulation.
- 6.3.3 *Inappropriate containment techniques or clean-up procedures*
 Waste should not be disposed of by release to sewers.
- 6.4 **Reference to other sections**
 Other: See SECTION 7, 8, 13, 14, 15.

SECTION 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling**
 7.1.1 *Recommendations for safe handling*
 Do not handle until all safety precautions have been read and understood.
 Avoid breathing dust / fume / gas / mist / vapours / spray.
 Use only outdoors or in a well-ventilated area.
- 7.1.2 *Advice on general occupational hygiene*
 Do not eat, drink or smoke when using this product.
 Wear protective gloves / protective clothing / eye protection / face protection.
- 7.2 **Conditions for safe storage, including any incompatibilities**
 Keep container tightly closed.
 Do not store in temperatures <0° C.
 Store in a well-ventilated place. Keep cool.
 Protect from sunlight.
- 7.3 **Specific end use(s)**
 MOULD CLEANER

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **Control parameters**
 Substance: Not applicable
 CAS No.: Non-classified
- 8.2 **Exposure controls**
 8.2.1 *Appropriate engineering controls*
 To avoid risks to human health and the environment, comply with the instructions for use.
- 8.2.2 *Individual protection measures, such as personal protective equipment*
Occupational protection:
 Do not get in eyes, on skin, or on clothing.
 Do not eat, drink or smoke when using this product.
Eye/face protection:
 Wear face protection: safety glasses or safety goggles.
Skin protection:
 Wear protective clothing, as required for industry work environment.
Hand protection:
 Wear protective gloves: Nitrile rubber.
Respiratory protection:
 Avoid breathing dust / fume / gas / mist / vapours / spray.
 In case of inadequate ventilation (aerosol formation) wear respiratory protection.
Thermal hazards:
 None known.
- 8.2.3 *Environmental exposure controls*
 Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Thin, white liquid		
Odour:	Light to odourless		
Odour threshold:	-	Vapour density (air = 1):	-
pH:	7-8	Relative density:	1.2 kg/dm ³ @ 24° C
Melting point/freezing point:	0° C	Solubility(ies):	Completely miscible
Initial boiling point and boiling range:	100° C	Partition coefficient, n-octanol/water:	-
Flash point:	-	Auto-ignition temperature:	-
Evaporation rate:	Equivalent to water	Decomposition temperature:	-
Flammability (solid, gas):	-	Viscosity:	-
Upper/lower flammability or explosive limits:	-	Explosive properties:	-
Vapour pressure:	2.333 kPa @ 20° C	Oxidising properties:	-

9.2 Other information

None known.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Product is non-reactive with correct handling and storage.

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

There are no hazardous reactions to be expected.

10.4 Conditions to avoid

Temperatures below 0° C. Elevated temperatures may cause containers to swell and burst.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None are known or expected under normal conditions of use, storage or handling.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1

Substances

Acute toxicity:	Not applicable
Skin corrosion/irritation:	Not applicable
Serious eye damage/irritation:	Not applicable
Respiratory or skin sensitisation:	Not applicable
Germ cell mutagenicity:	Not applicable
Carcinogenicity:	Not applicable
Reproductive toxicity:	Not applicable
STOT-single exposure:	Not applicable
STOT-repeated exposure:	Not applicable
Aspiration Hazard:	Not applicable

11.1.2

Mixtures

Acute toxicity:	No risk expected. No data available.
Irritation:	No risk expected. No data available.
Corrosivity:	No risk expected. No data available.
Sensitisation:	No risk expected. No data available.
Repeated dose toxicity:	No risk expected. No data available.
Carcinogenicity:	No risk expected. No data available.
Mutagenicity:	No risk expected. No data available.
Toxicity for reproduction:	No risk expected. No data available.
Other health effect:	No risk expected. No data available.

11.1.3

Information for each health effect

Inhalation:	No risk expected. No data available.
Skin contact:	No risk expected. No data available.
Eye contact:	No risk expected. No data available.

Ingestion:

No risk expected. No data available.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

- 12.1.1 *Aquatic toxicity (both acute and chronic)*
 Fish: Quantitative data not available.
 Crustaceans: Quantitative data not available.
 Algae: Quantitative data not available.
 Other aquatic plants: Quantitative data not available.
- 12.1.2 *Soil micro and macro-organisms and other environmentally relevant organisms*
 Birds: Quantitative data not available.
 Bees: Quantitative data not available.
 Plants: Quantitative data not available.
 Other relevant organisms: Quantitative data not available.
- 12.1.3 *Possible impact on sewage treatment plants*
 Quantitative data not available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

Waste should not be disposed of by release to sewers.

12.7 Additional information

None identified.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

- 13.1.1 *Product / Packaging disposal*
 Avoid release to the environment.
 Dispose of content/container to suitable receptacle in accordance with your local / regional / national / international regulation.
- 13.1.2 *Waste treatment-relevant information*
 Incineration: Waste may ONLY be incinerated by a licensed, permitted hazardous waste company.
 Recycling: Product may be recycled by an accredited recycling company.
 Landfilling: Waste may be landfilled in a licensed, industrial landfill.
- 13.1.3 *Sewage disposal-relevant information*
 WASTE SHOULD NOT BE DISPOSED OF BY RELEASE TO SEWERS.
- 13.1.4 *Other disposal recommendations*
 All disposal methods must be in compliance with local and government regulations; which may vary by location.

SECTION 14: TRANSPORT INFORMATION

- 14.1 **UN number** Not applicable.
- 14.2 **UN proper shipping name** Not applicable.
- 14.3 **Transport hazard class(es)** Not applicable.
- 14.4 **Packing group** Not applicable.
- 14.5 **Environmental hazards** Not applicable.
- 14.6 **Special precautions for user** Not applicable.
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
 Not applicable.

14.8 Additional Transport Information

ADR / RID Classification:	Not applicable.
ADR / RID Hazard Identification No:	Not applicable.
IMDG; Marine Pollutant	Not applicable.
IATA / ICAO-TI:	Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

15.1.1	Authorizations and/or restrictions on use for United States	
	EPA Clean Water Act	Do not allow the product into the soil or water courses of the United States.
15.1.2	EU regulations	
	REACH	(EC) No. 1907/2006
	CLP	(EC) No. 1272/2008
15.1.3	Other regulations	
	None known.	

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION**16.1 Revisions of the safety data sheet**

Previous revision (date/version):	January 2012
SDS Sections affected by revision:	All
Explanation of changes:	Compliance to (EC) No 1272/2008 [CLP] – REACH ANNEX II

16.2 Key or legend to abbreviations and acronyms used in the safety data sheet

REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
CLP:	Classification Labeling Packaging Regulation (EC) No. 1272/2008
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
CAS No:	Chemical Abstracts Service Number
EC No:	EINECS and ELINCS Number
PBT:	Persistent, Bioaccumulative and Toxic Substance
vPvB:	Very Persistent and Very Bioaccumulative
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID:	Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG:	International Maritime Dangerous Goods
IATA:	International Air Transport Association
ICAO-TI:	Technical Instructions by the International Civil Aviation Organization for the Safe Transport of Dangerous Goods by Air
IBC Code:	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
SDS:	Safety Data Sheet

16.3 Key literature references and sources for data

Internal data.

16.4 Classification and procedure used for mixtures according to Regulation (EC) No 1272/2008 [CLP]

Not classified.

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

Not Hazardous. Not applicable.

16.6 Training advice to ensure protection of human health and the environment

EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

16.7 Disclaimer

Disclaimer of expressed and implied warranties. The information in this document is believed to be correct. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed, or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose, and on the condition that he assumes the risk of his use thereof. Zyvax, Inc. has no control over the management practices or manufacturing processes of parties handling this material. The information presented here pertains only to the product as shipped in its intended condition as described in this SDS.