

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58, March 26, 2012 / Rules and Regulations



Mrs. Stewart's® Bluing all sizes
Safety Data Sheet (SDS)

Item #s 1101-MN, 1101-MNsm, 1101-TX, 1401 and included as element of 1901 (Salt Crystal Garden Kit), and as samples (various sizes).

Jefco, Inc. dba Mrs. Stewart's Bluing according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulations
Date of Issue: 06/15/2015 Verification date: 06/15/2015 Version 1.0v1 Supersedes 06/01/2014

Jefco, Inc. encourages safe handling of this product. To promote safe handling, each recipient should: 1) Notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this SDS and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers and other users of the product of this information.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product form : Mixture
 Product name : Mrs Stewart's® Bluing all sizes
 CAS No : Proprietary
 Product Code : 1101-MN, 1101-MNsm, 1101-TX, 1401, 1901, samples sizes

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

Use of substance/mixture : Dispersion; Pigment Blue

1.3. Details of the supplier of the SDS (Safety Data Sheet)

Jefco, Inc. dba Mrs. Stewart's Bluing
 1700 W 94th Str
 Bloomington, MN 55431-1300 USA
 T 800-325-7785 T 952-881-1430 F 952-881-1873
 www.mrsstewart.com / msb@mrsstewart.com

1.4. Emergency telephone number

Emergency telephone number : Jefco, Inc. 800-325-7785

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
 Not a dangerous substance or mixture according to GHS (US).

2.2. Label elements

GHS-US labeling
 No labeling applicable — not hazardous

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS-US)
Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR			
Does not contain any substances to be mentioned according to the criteria of			

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet (SDS) to the doctor in attendance. Wash contaminated clothing before re-use. Never give

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First-aid measures after inhalation	: If INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking or irritation develops or
First-aid measures after ingestion	: IF SWALLOWED: Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you fell unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: May cause skin irritation.
Symptoms/injuries after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Water spray. Foam. Dry chemic
Unsuitable extinguishing media	: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Product is not flammable.
Explosion hazard	: Product is not explosive.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters

Firefighting instructions	: Use cold water spray to cool fire-exposed containers to minimize risk of rupture.
Protection during firefighting	: Wear self-contained breathing apparatus when entering area unless atmosphere is proved

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ventilate area. Evacuate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear
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6.1.1. For non-emergency personnel

Protective equipment	: Wear protective equipment as described in Section 8.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: For further information refer to section 8: "Exposure controls / personal protection"
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6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release into the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Wear suitable protective clothing. Soak up residue with an absorbent such as clay, sand or other suitable material. Product may create slip hazard.
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6.4. Reference to other sections

See Heading 8	: Exposure controls and personal protection.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in well-ventilated place. Keep container tightly closed.
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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls	: Provide adequate general and local exhaust ventilation. Ensure adequate ventilation,
Personal protective equipment	: Protective clothing. Protective goggles. Gloves.
Hand protection	: Wear protective gloves.

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Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear clothing to minimize bodily exposure.
Respiratory protection	: Wear approved mask.
Other Information	: When using, do not eat, drink, or smoke.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: liquid
Appearance	: blue liquid
Color	: blue
Odor	: none
Odor threshold	: no data available
pH	: Neutral
Relative evaporation rate (butyl acetate-1)	: similar to water
Melting point	: no data available
Freezing point	: 0°C (32°F)
Boiling point	: 100°C (212°F)
Flash point	: no data available
Self ignition temperature	: no data available
Decomposition temperature	: no data available
Flammability (solid, gas)	: no data available
Vapor pressure	: 19.8 mm Hg at 22°C
Relative vapor density at 20°C	: 1 Air = 1
Relative density	: 1
Density	: 1.19 - 1.37 g/ml
Solubility	: water miscible
Log Pow	: no data available
Log Kow	: no data available
Viscosity, kinematic	: no data available
Viscosity, dynamic	: no data available
Explosive properties	: no data available
Oxidizing properties	: no data available
Explosive limits	: no data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Not additional information available

10.4. Conditions to avoid

Not additional information available

10.5. Incompatible materials

Strong oxidizing agents. Mineral acids. Strong alkalis.

10.6. Hazardous decomposition products

May emit toxic fumes if mixed with strong acids.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion / irritation	: Not classified
	: pH: Neutral
Serious eye damage / irritation	: Not classified

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	: pH: Neutral
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single)	: Not classified
Specific target organ toxicity (repeated)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: May cause skin irritation.
Symptoms/injuries after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/state and national regulations.

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities

SECTION 14: Transport Information

In accordance with ADR / RID / IMDG / IATA / AND

14.1. UN number

Not hazardous for transport.

14.2. UN proper shipping name

US Dept of Transportation (DOT) : Not regulated

ADR : Not regulated

IMDG : Not regulated

IATA : Not regulated

AND : Not regulated

RID : Not regulated

14.3. Transport Hazard Classes and Additional Information

ADR Transport hazard classes (ADR) : Not regulated

IMDG Transport hazard classes (IMDG) : Not regulated

IATA Transport hazard classes (IATA) : Not regulated

ADN Transport hazard classes (ADN) : Not regulated

RID Transport hazard classes (RID) : Not regulated

Other information : No supplementary information available

14.4. Packing Group

Packing Group (ADR) : Not regulated

Packing Group (IMDG) : Not regulated

Packing Group (IATA) : Not regulated

Packing Group (ADN) : Not regulated

Packing Group (RID) : Not regulated

14.5. Environmental Hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

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14.6. Special precautions for user

Overland Transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

Not subject to AND : No

Rail Transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code

Not applicable : No

SECTION 15: Regulatory information

15.1 US Federal regulations

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TSCA : All components of this product are listed or are exempt.

SARA 311, 312, 313 : This product does not contain any chemicals which are subject to the reporting requirement of the Act and Title 40 of the Code of Federal Regulations, Part 372. All : This product does not contain any substances regulated as pollutants pursuant to the

Clean Water Act : Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act : This product contains no hazardous air pollutants.

CERCLA : This product does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR

15.2 International Regulations

International Inventories

TSCA (US Toxic Substances Control Act) : Listed

Sect 8(b) Inventory

EINECS/ELINCS (European Inventory of Existing Commercial Chemical Substances) : Listed

/ EU List of Notified Chemical Substances)

DSL (Canadian Domestic Substances List) : Listed

NDSL (Canadian Non-Domestic Substances: not determined

PICCS (Philippines Inventory of Chemicals) : Listed

and Chemical Substances)

ENCS (Japan Existing and New Chemical Su: Listed

IECSC (China Inventory of Existing Chemica: Listed

AICS (Australian Inventory of Chemical Sub: Listed

KECL (Korean Existing and Evaluated) : Listed

Chemical Substances)

NZIoC (New Zealand Inventory of Chemical: not determined

Canada

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Components listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Note: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR. AND WHMIS Hazard Class: Non-controlled.

EU-Regulations

Contains no substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Germany

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS

12th Ordinance Implementing the Federal : Is not subject of the 12.BImSchV (Hazardous Incident Ordinance)

Immission Control Act - 12.BImSchV

Denmark

Recommendations Danish Regulation : Pregnant/breastfeeding women working with the product must not be in direct contact with

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REACH Registration

All relative steps have been taken to ensure REACH-Compliance.

Restrictions - REACH Title VIII

No information available.

15.2.1 Chemical Safety Assessment

No additional information available.

15.3. US State regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

SECTION 16: Other information

Indication of changes : Revision 1.0: New SDS Created 06/15/2015

Other information : Author EKW.

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is

NFPA fire hazard : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Davidson Marking System® Blue Dye	
HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PERSONAL PROTECTION	H



Health : 1

Flammability : 0 Materials that are normally stable, even under fire conditions and will NOT react with water, polymerize, decompose, condense or self-react. Non-Explosives.

Physical : 0 Materials that are normally stable, even under fire conditions and will NOT react with water, polymerize, decompose, condense or self-react. Non-Explosives.

Personal Protection

SDS US (GHS HazCom 2012) - HMIS (ver 3)

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