Safety Data Sheet (SDS) According to the OSHA Hazard Communication Standard 29 CFR 1910.1200

Issuing Date: 2018-07-16 **Revision Date:** 2020-02-27 **Version:** 2

SECTION 1. Identification

Product identifier

Product No 23176

Product name FastScan™ Total c-Jun ELISA Kit

Kit Component
37271: c-Jun Mouse Capture mAb
57604: c-Jun Rabbit HRP-linked mAb
9801: ELISA Wash Buffer (20X)
7004: TMB Substrate
7002: STOP Solution
16076: FastScan™ ELISA Capture Antibody Diluent
28120: FastScan™ ELISA HRP Antibody Diluent
69905: FastScan™ ELISA Cell Extraction Buffer (5X)
25243: FastScan™ ELISA Cell Extraction Enhancer Solution (50X)
69403: FastScan™ ELISA Kit #23176 Positive Control Type 2

UN number UN3265

Recommended use of the chemical and restrictions on use

Identified uses This product is intended for research purposes only.

Manufacturer, importer, supplier

Manufacturer address
Cell Signaling Technology, Inc.
3 Trask Lane
Danvers, MA 01923
United States
TEL: +1 978 867 2300
FAX: +1 978 867 2400

Website www.cellsignal.com

Email address support@cellsignal.com

Emergency telephone number In case of emergency call CHEMTREC 1-800-424-9300

SECTION 2. Hazard(s) identification

Classification

Classification and label elements described below are inclusive of all hazards of the combined kit. The most severe classifications are listed for each endpoint. Refer to individual kit component SDS for classification and label elements for each component present in the kit.

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

GHS Label elements, including precautionary statements

Signal Word
Danger.

Hazard statement(s)
May cause an allergic skin reaction. Causes severe skin burns and eye damage.

Precautionary Statement(s)
Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
Store locked up.
Dispose of contents/container to an approved waste disposal plant.

Supplementary Hazard Information

Hazards not otherwise classified (HNOC)
Not applicable.

SECTION 3. Composition/information on ingredients

Kit Component 16076: FastScan™ ELISA Capture Antibody Diluent

Chemical name	CAS No	Weight-%
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.0025-0.0125

Kit Component 28120: FastScan™ ELISA HRP Antibody Diluent

Chemical name	CAS No	Weight-%
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.0015

Kit Component 7002: STOP Solution

Chemical name	CAS No	Weight-%
maleic acid	110-16-7	3-7

Kit Component 9801: ELISA Wash Buffer (20X)

Chemical name	CAS No	Weight-%

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.005-0.025

Kit Component 69905: FastScan™ ELISA Cell Extraction Buffer (5X)

Chemical name	CAS No	Weight-%
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	9002-93-1	1-<3
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.0025-0.0125

Kit Component 25243: FastScan™ ELISA Cell Extraction Enhancer Solution (50X)

Chemical name	CAS No	Weight-%
sodium dodecyl sulphate	151-21-3	1-3
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.001-0.005

Kit Component
37271: c-Jun Mouse Capture mAb
57604: c-Jun Rabbit HRP-linked mAb
7004: TMB Substrate
69403: FastScan™ ELISA Kit #23176 Positive Control Type 2

These products do not contain substances at concentrations requiring disclosure under 29 CFR 1910.1200 (OSHA Hazard Communication Standard).

SECTION 4. First-aid measures

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult a physician.

Skin contact Immediate medical attention is required. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. May cause an allergic skin reaction.

Inhalation Immediate medical attention is required. May cause allergic respiratory reaction. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur. Administer oxygen if breathing is difficult. If not breathing, give artificial respiration.

Ingestion Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. If symptoms persist, call a physician. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Skin irritation. Eye irritation. Respiratory irritation. May cause an allergic skin reaction including itching, redness, and rash. May cause allergic respiratory reaction. Significant esophageal or gastrointestinal tract irritation or burns may occur following ingestion. Respiratory tract irritation, if severe, can progress to pulmonary edema which may be delayed in onset up to 24 to 72 hours after exposure in some cases.

Indication of any immediate medical attention and special treatment needed

May cause sensitization by inhalation and skin contact. Treat symptomatically.

Advice for emergency responders

General advice Call a doctor immediately if allergic signs, particularly in the respiratory tract, are observed.

Protection of first-aiders Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

SECTION 5. Fire-fighting measures

Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes. Product is or contains a sensitizer.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid contact with skin, eyes and clothing. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Avoid dust formation.
Other information	No information available.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Do not allow material to contaminate ground water system. Should not be released into the environment.

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so. Prevent dust cloud.
Methods for cleaning up	Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Prevent product from entering drains.

SECTION 7. Handling and storage

Precautions for safe handling

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid dust formation.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions	Keep container tightly closed in a dry and well-ventilated place. Protect from light.
Packaging material	No information available.
Incompatible products	Acids, Alkalis, Strong acids, Strong bases, Strong oxidizing agents, Strong reducing agents, Metals.

SECTION 8. Exposure controls/personal protection

Control parameters

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Personal protective equipment (PPE) needs to be selected depending on the implemented engineering controls, frequency/duration of work activities and the concentrations of the hazardous substance.

Eye/face protection	Safety glasses with side-shields.
Skin and body protection	Wear protective gloves/clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Provide regular cleaning of equipment, work area and clothing.

SECTION 9. Physical and chemical properties

Information on the known physical chemical properties of each component within Kit are given below. If not included, information is either not available or not applicable. Refer to individual kit component SDS for further information.

Information on basic physical and chemical properties

Kit Component	**37271: c-Jun Mouse Capture mAb**
Physical state	Solid
Appearance	Lyophilized Powder
Color	Green
Kit Component	**57604: c-Jun Rabbit HRP-linked mAb**
Physical state	Solid
Appearance	Lyophilized Powder
Color	Red
Kit Component	**16076: FastScan™ ELISA Capture Antibody Diluent**
Physical state	Liquid
Appearance	Clear
Color	Green
pH VALUE	7.4
Remarks	@ 20 °C
Kit Component	**28120: FastScan™ ELISA HRP Antibody Diluent**
Physical state	Liquid
Color	Brown
pH VALUE	6.8-7.2
Remarks	@ 20 °C
Boiling point/range (°C) VALUE	100
Boiling point/range (°F) VALUE	212
Solubility	Soluble in water
Kit Component	**7004: TMB Substrate**
Physical state	Liquid
Appearance	Clear
Color	Light yellow
pH VALUE	3.3-3.8
Remarks	@ 20 °C

Kit Component	**7002: STOP Solution**
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH VALUE	1.2
Remarks	@ 20 °C

Kit Component	**9801: ELISA Wash Buffer (20X)**
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH VALUE	6.4
Remarks	@ 20 °C

Kit Component	**69905: FastScan™ ELISA Cell Extraction Buffer (5X)**
Physical state	Liquid
Appearance	Clear
Color	light yellow
pH VALUE	7
Remarks	@ 20 °C

Kit Component	**25243: FastScan™ ELISA Cell Extraction Enhancer Solution (50X)**
Physical state	Liquid
Appearance	Clear
Color	Colorless

Kit Component	**69403: FastScan™ ELISA Kit #23176 Positive Control Type 2**
Physical state	Solid
Appearance	Lyophilized Powder
Color	White

SECTION 10. Stability and reactivity

Reactivity

No information available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions	None under normal processing.
Hazardous polymerization	None under normal processing.

Conditions to Avoid

Excessive heat. Exposure to air or moisture over prolonged periods.

Incompatible Materials

Acids. Alkalis. Strong acids. Strong bases. Strong oxidizing agents. Strong reducing agents. Metals.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides (COx). Nitrogen oxides (NOx).

SECTION 11. Toxicological information

Information on likely routes of exposure

Product Information
This material should only be handled by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals. It should be borne in mind that the toxicological and physiological properties of this compound is not well defined.

Inhalation

Kit Component	**37271: c-Jun Mouse Capture mAb**
Inhalation	May cause allergic respiratory reaction
Kit Component	**57604: c-Jun Rabbit HRP-linked mAb**
Inhalation	May cause allergic respiratory reaction
Kit Component	**28120: FastScan™ ELISA HRP Antibody Diluent**
Inhalation	May cause irritation of respiratory tract
Kit Component	**7002: STOP Solution**
Inhalation	Aerosol expected to be irritating based on components
Kit Component	**9801: ELISA Wash Buffer (20X)**
Inhalation	Avoid breathing vapors or mists May cause irritation of respiratory tract
Kit Component	**69905: FastScan™ ELISA Cell Extraction Buffer (5X)**
Inhalation	May cause irritation of respiratory tract

Eye contact

Kit Component	**37271: c-Jun Mouse Capture mAb**
Eye contact	May cause slight irritation
Kit Component	**57604: c-Jun Rabbit HRP-linked mAb**
Eye contact	May cause slight irritation
Kit Component	**28120: FastScan™ ELISA HRP Antibody Diluent**
Eye contact	May cause temporary eye irritation
Kit Component	**7002: STOP Solution**
Eye contact	May cause irreversible damage to eyes
Kit Component	**9801: ELISA Wash Buffer (20X)**
Eye contact	Expected to be an irritant based on components
Kit Component	**69905: FastScan™ ELISA Cell Extraction Buffer (5X)**
Eye contact	May cause irritation
Kit Component	**25243: FastScan™ ELISA Cell Extraction Enhancer Solution (50X)**
Eye contact	May cause irritation

Skin contact

Kit Component	**37271: c-Jun Mouse Capture mAb**
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
Kit Component	**57604: c-Jun Rabbit HRP-linked mAb**
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
Kit Component	**16076: FastScan™ ELISA Capture Antibody Diluent**

Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
Kit Component	**28120: FastScan™ ELISA HRP Antibody Diluent**
Skin contact	May cause irritation
Kit Component	**7002: STOP Solution**
Skin contact	Corrosive to skin. Prolonged contact with skin is harmful
Kit Component	**9801: ELISA Wash Buffer (20X)**
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons Expected to be an irritant based on components
Kit Component	**25243: FastScan™ ELISA Cell Extraction Enhancer Solution (50X)**
Skin contact	May cause sensitization by skin contact

Ingestion

Kit Component	**37271: c-Jun Mouse Capture mAb**
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
Kit Component	**57604: c-Jun Rabbit HRP-linked mAb**
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
Kit Component	**28120: FastScan™ ELISA HRP Antibody Diluent**
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
Kit Component	**7002: STOP Solution**
Ingestion	Ingestion causes burns of the upper digestive and respiratory tract. Harmful if swallowed
Kit Component	**9801: ELISA Wash Buffer (20X)**
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
Kit Component	**69905: FastScan™ ELISA Cell Extraction Buffer (5X)**
Ingestion	Ingestion may cause irritation to mucous membranes

Information on toxicological effects

Component Information

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
maleic acid	708 mg/kg (Rat)	1,560 mg/kg (Rabbit)	> 0.72 mg/L (Rat) 1h
sodium dodecyl sulphate	= 1288 mg/kg (Rat)	= 200 mg/kg (Rabbit)	> 3900 mg/m³ (Rat) 1 h
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	= 1800 mg/kg (Rat)	-	-
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	= 53 mg/kg (Rat) = 481 mg/kg (Rat) 232 - 249 mg/kg (Rat) = 120 mg/kg (Rat)	= 200 mg/kg (Rabbit)	= 1.23 mg/L (Rat) 4 h = 0.11 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Symptoms Skin irritation, Eye irritation, Respiratory irritation, May cause an allergic skin reaction including itching, redness, and rash, May cause allergic respiratory reaction, Significant esophageal or gastrointestinal tract irritation or burns may occur following ingestion, Respiratory tract irritation, if severe, can progress to pulmonary edema which may be delayed in onset up to 24 to 72 hours after exposure in some cases.

Skin and Eye Corrosion/Irritation

Kit Component	**7002: STOP Solution**
Serious eye damage/eye irritation	Risk of serious damage to eyes
Skin corrosion/irritation	Causes burns

Kit Component	**9801: ELISA Wash Buffer (20X)**
Serious eye damage/eye irritation	Causes serious eye irritation
Skin corrosion/irritation	Causes skin irritation

Sensitization

Kit Component	**37271: c-Jun Mouse Capture mAb**
Respiratory Sensitization	Respiratory Sensitizer
Skin Sensitization	May cause skin sensitization

Kit Component	**57604: c-Jun Rabbit HRP-linked mAb**
Respiratory Sensitization	Respiratory Sensitizer
Skin Sensitization	May cause skin sensitization

Kit Component	**16076: FastScan™ ELISA Capture Antibody Diluent**
Skin Sensitization	As a precaution the product should be treated as a sensitizer

Kit Component	**28120: FastScan™ ELISA HRP Antibody Diluent**
Skin Sensitization	May cause skin sensitization

Kit Component	**7002: STOP Solution**
Skin Sensitization	May cause skin sensitization

Kit Component	**9801: ELISA Wash Buffer (20X)**
Skin Sensitization	Product is or contains a sensitizer. May cause an allergic skin reaction.

Kit Component	**69905: FastScan™ ELISA Cell Extraction Buffer (5X)**
Skin Sensitization	As a precaution the product should be treated as a sensitizer

Kit Component	**25243: FastScan™ ELISA Cell Extraction Enhancer Solution (50X)**
Skin Sensitization	As a precaution the product should be treated as a sensitizer

Mutagenic effects

Kit Component	**7002: STOP Solution**
Mutagenic effects	Not mutagenic in AMES Test

Carcinogenicity No component of this product present at levels greater than or equal to 0.1% is identifiable as probable, possible or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity No information available.

Systemic Target Organ Toxicity (STOT)

Kit Component	**7002: STOP Solution**
STOT - single exposure	Respiratory system

Aspiration Hazard No information available.

SECTION 12. Ecological information

Ecotoxicity

Product Information

Kit Component	**9801: ELISA Wash Buffer (20X)**
Ecotoxicity	Harmful to aquatic life with long lasting effects

Component Information

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
maleic acid	-	LC50 5 mg/L (Pimephales promelas) 96 h	EC50 250 - 400 mg/L (Daphnia magna) 48 h
sodium dodecyl sulphate	EC50 53 mg/L (Desmodesmus subspicatus) 72 h EC50 30 - 100 mg/L (Desmodesmus subspicatus) 96 h EC50 42 mg/L (Desmodesmus subspicatus) 96 h EC50 3.59 - 15.6 mg/L (Pseudokirchneriella subcapitata) 96 h EC50 117 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 8 - 12.5 mg/L (Pimephales promelas) 96 h LC50 4.1 mg/L (Leuciscus idus) 48 h LC50 22.1 - 22.8 mg/L (Pimephales promelas) 96 h LC50 4.3 - 8.5 mg/L (Oncorhynchus mykiss) 96 h LC50 4.62 mg/L (Oncorhynchus mykiss) 96 h LC50 4.2 mg/L (Oncorhynchus mykiss) 96 h LC50 7.97 mg/L (Brachydanio rerio) 96 h LC50 9.9 - 20.1 mg/L (Brachydanio rerio) 96 h LC50 4.06 - 5.75 mg/L (Lepomis macrochirus) 96 h LC50 4.2 - 4.8 mg/L (Lepomis macrochirus) 96 h LC50 4.5 mg/L (Lepomis macrochirus) 96 h LC50 5.8 - 7.5 mg/L (Pimephales promelas) 96 h LC50 10.2 - 22.5 mg/L (Pimephales promelas) 96 h LC50 6.2 - 9.6 mg/L (Pimephales promelas) 96 h LC50 13.5 - 18.3 mg/L (Poecilia reticulata) 96 h LC50 10.8 - 16.6 mg/L (Poecilia reticulata) 96 h LC50 1.31 mg/L (Cyprinus carpio) 96 h LC50 15 - 18.9 mg/L (Pimephales promelas) 96 h	EC50 21.2 mg/L (Daphnia magna) 24 h EC50 1.8 mg/L (Daphnia magna) 48 h
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	-	LC50 8.9 mg/l (Pimephales promelas) 96 h	EC50 26 mg/l (Daphnia) 48 h
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	EC50 0.11 - 0.16 mg/L (Pseudokirchneriella subcapitata) 72 h EC50 0.31 mg/L (Anabaena flos-aquae) 120 h EC50 0.03 - 0.13 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 1.6 mg/L (Oncorhynchus mykiss) 96 h	EC50 4.71 mg/L (Daphnia magna) 48 h EC50 0.71 - 0.99 mg/L (Daphnia magna) 48 h EC50 0.12 - 0.3 mg/L (Daphnia magna) 48 h

Persistence and degradability

Kit Component	**16076: FastScan™ ELISA Capture Antibody Diluent**
Persistence and degradability	Not readily biodegradable

Kit Component	**7002: STOP Solution**
Persistence and degradability	Product is biodegradable

Kit Component	**9801: ELISA Wash Buffer (20X)**
Persistence and degradability	Not readily biodegradable

Bioaccumulation

Kit Component	**7002: STOP Solution**
Bioaccumulation	Not likely to bioaccumulate
Bioconcentration factor (BCF)	11 (maleic acid)

Kit Component	**9801: ELISA Wash Buffer (20X)**
Bioaccumulation	Not likely to bioaccumulate

Chemical name	Octanol-Water Partition Coefficient
maleic acid	0.32
sodium dodecyl sulphate	1.6

Mobility

Kit Component	**7002: STOP Solution**
Mobility	Will likely be mobile in the environment due to its water solubility

Kit Component	**9801: ELISA Wash Buffer (20X)**
Mobility	Will likely be mobile in the environment due to its water solubility

Other adverse effects

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SECTION 13. Disposal considerations

Waste Disposal Methods

Dispose of in accordance with all applicable national environmental laws and regulations.

Disposal considerations

Do not empty into drains; dispose of this material and its container in a safe way.

SECTION 14. Transport information

This material is subject to regulation as a hazardous material for shipping:

DOT

UN number	UN3265
UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (maleic acid)
Transport hazard class(es)	8
Packing group	III
Special provisions	IB3, T7, TP1, TP28
Emergency response guide number	153

IATA

UN number	UN3265
UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (maleic acid)
Transport hazard class(es)	8
Packing group	III
ERG code	8L
Special provisions	A3, A803
Excepted Quantity	E1

SECTION 15. Regulatory information

North American Inventory Listing

Refer to kit component SDS for full Toxic Substance Control Act (TSCA) reporting requirements.

Chemical name	TSCA 8(b)	TSCA 12(b)	DSL	NDSL
maleic acid	Listed	Not Listed	Listed	Not Listed
sodium dodecyl sulphate	Listed	Not Listed	Listed	Not Listed
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	Listed	Not Listed	Listed	Not Listed
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	Not Listed	Section 5: 1 %	Listed	Not Listed

SARA 313

Refer to kit component SDS for full SARA Section 313 reporting requirements.

Chemical name	CAS No	SARA 313 - Threshold Values %
trisodium tetraoxovanadate	13721-39-6	1.0
magnesium nitrate	10377-60-3	1.0
copper dinitrate	3251-23-8	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

Refer to kit component SDS for full Clean Water Act (CWA) reporting requirements.

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances	CWA - Bioaccumulative Chemicals of Concern (BCCs)
maleic acid	5000 lb	Not Listed	Not Listed	Listed	Not Listed

CERCLA

Refer to kit component SDS for full Comprehensive Environmental Response Compensation and Liability Act (CERCLA) reporting requirements.

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
maleic acid	5000 lb	Not Listed

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Refer to kit component SDS for applicable State Right-To-Know (RTK) information.

Chemical name	New Jersey	Massachusetts	Pennsylvania
maleic acid	Listed	Listed	Listed
disodium hydrogenorthophosphate	Listed	Listed	Listed
sodium fluoride	Listed	Listed	Listed
trisodium tetraoxovanadate	Listed	Not Listed	Not Listed
Sodium Phosphate Dibasic Heptahydrate	Listed	Listed	Listed
magnesium nitrate	Listed	Listed	Listed
copper dinitrate	Listed	Listed	Listed

SECTION 16. Other information

Issuing Date: 2018-07-16
Revision Date: 2020-02-27

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet