

Material Safety Data Sheet

Date of issue: 11/06/2021	Revision date: N/A	Supersedes: N/A	Version: 1.0	
SECTION 1: Identifica	ation			
1.1. Identification				
Product form Substance name	: White powder	Noutral Tana Danar Da	(alanar	
		Neutral Tone Paper Dev	veloper	
Chemical name	: N/A - Mixture			
CAS-No	: N/A - Mixture			
Brand	: Flic Film Inc.			
1.2. Recommended u	se and restrictions	on use		
Use of the substance/mixtur	e	: For photographic us	e only.	
Recommended use		: Photographic chemi	cals	
Restrictions on use		: Not for food, drug or	household use	
1.3. Supplier				
Flic Film Inc. 10B Morrison Road, Longvie Canada T0L 1HO T +1-403-982-4272	əw, Alberta,			
1.4. Emergency telep	hone number	1 402 000 4070		
Emergency number		: +1-403-982-4272		
SECTION 2: Hazard(s	s) identification			
2.1. Classification of the su		GHS classification		
Based on sodium carbonate				
	content			
GHS Classification				
Skin irritation	:	Category 2		
Eye irritation	:	Category 2A		
Carcinogenicity	:	Not identified		
Specific target org	-		-	
- repeated exposu	ire :	Category 3 (Respirato	ory System)	
	anta includian avas			
2.2. GHS Label eleme GHS labelling	ents, including prec	autionary statements		
Hazard pictograms (GHS)	:	•		
		GHS07		
Signal word (GHS)	: Warn			
	: H315 H319	ing - Causes skin irritation. - Causes serious eye ir	ritation.	
Hazard statements (GHS)	: H315 H319 H335	ing - Causes skin irritation. - Causes serious eye ir - May cause respiratory	ritation. y irritation.	
Hazard statements (GHS)	: H315 H319 H335 GHS) : P261	ing - Causes skin irritation. - Causes serious eye ir - May cause respiratory - Avoid breathing dust/	ritation. / irritation. fume/ gas/ mist/ vapors/ spray.	
Hazard statements (GHS)	: H315 H319 H335 GHS) : P261 P264	ing - Causes skin irritation. - Causes serious eye ir - May cause respiratory - Avoid breathing dust/ - Wash skin thoroughly	ritation. γ irritation. fume/ gas/ mist/ vapors/ spray. after handling.	
Signal word (GHS) Hazard statements (GHS) Precautionary statements (C	: H315 H319 H335 GHS) : P261 P264 P271	ing - Causes skin irritation. - Causes serious eye ir - May cause respiratory - Avoid breathing dust/ - Wash skin thoroughly - Use only outdoors or	ritation. y irritation. fume/ gas/ mist/ vapors/ spray. after handling. in a well-ventilated area.	
Hazard statements (GHS)	: H315 H319 H335 GHS) : P261 P264 P271 P280	ing - Causes skin irritation. - Causes serious eye ir - May cause respiratory - Avoid breathing dust/ - Wash skin thoroughly - Use only outdoors or - Wear protective glove	ritation. y irritation. fume/ gas/ mist/ vapors/ spray. after handling. in a well-ventilated area. s/ eye protection/ face protection.	
Hazard statements (GHS)	: H315 H319 H335 GHS) : P261 P264 P271 P280	ing - Causes skin irritation. - Causes serious eye ir - May cause respiratory - Avoid breathing dust/ - Wash skin thoroughly - Use only outdoors or - Wear protective glove	ritation. y irritation. fume/ gas/ mist/ vapors/ spray. after handling. in a well-ventilated area.	

Material Safety Data Sheet

	P304 + P340 + P312 - IF INHALED					bie for breath	
	a POISON (CENTER/ doctor	r if you feel	unwell.			
	P305 + P351 + P338 - IF IN EYES:	Rinse cautious	ly with wate	er for seve	ral minutes.	. Remove con	tact
		esent and easy	-				
	P332 + P313 - If skin irritation				0		
	P337 + P313 - If eye irritatio	•					
	P362 + P364T- Take off con		•				
	P403 + P233 - Store in a w	ell-ventilated pla	ace. Keep o	container ti	ightly closed	J.	
	P405 - Store locke	d up.					
	P501 - Dispose of	contents/ contai	iner to an a	pproved w	aste dispos	al plant.	
2.3. Other hazards which do not	t result in classification						
Other hazards not contributing to the classification	: None under normal conditi	ons.					
2.4. Unknown acute toxicity (GF	IS)						
Not applicable							
SECTION 3: Composition/Info	ormation on ingredients						
3.1. Substances	sination on ingreatents						
	. Multi constituent						
Substance type Name	: Multi-constituent	Product iden	ntifier	% ^w / _w			
Sodium carbonate		(CAS-No.)	497-19-8	>50			
Sodium sulfite		(CAS-No.)	7757-83-7	>30			
Ascorbic acid		(CAS-No.)	5081-7	>10			
Potassium bromide		(CAS-No.)	7758-02-3	>0.5			
Phenidone Full text of hazard classes and H-staten 3.2. Mixtures Not applicable SECTION 4: First-aid measure		· (CAS-No.)	2654-57-1	<1.0	, 		
Full text of hazard classes and H-stater 3.2. Mixtures Not applicable	es	(CAS-No.)	2654-57-1	<1.0			
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure	es sures : Never give anything by mouth to an u				II, seek mec	lical advice	
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid mea	es sures : Never give anything by mouth to an u (show the label where possible). : Allow victim to breathe fresh air. Allo	unconscious per	rson. If you	feel unwel			
Full text of hazard classes and H-stater B.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid mea First-aid measures general First-aid measures after inhalation	es sures : Never give anything by mouth to an u (show the label where possible). : Allow victim to breathe fresh air. Allow Get medical attention	unconscious per w the victim to re	rson. If you est. If breat	feel unwel hing is diff	ïcult, give o	xygen.	
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid mea First-aid measures general	es sures : Never give anything by mouth to an o (show the label where possible). : Allow victim to breathe fresh air. Allor Get medical attention : Remove affected clothing and wash	unconscious per w the victim to r all exposed skin	rson. If you est. If breat area with r	feel unwel hing is diff nild soap a	ficult, give o and water, f	xygen. followed by wa	
Full text of hazard classes and H-stater B.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid mea First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	es sures : Never give anything by mouth to an o (show the label where possible). : Allow victim to breathe fresh air. Allor Get medical attention : Remove affected clothing and wash rinse. If skin irritation or rash occurs:	unconscious per w the victim to r all exposed skin Get medical ad	rson. If you est. If breat a area with r vice/attentio	feel unwel hing is diff nild soap a on. Wash o	icult, give o and water, f contaminate	xygen. followed by wa	fore reuse.
Full text of hazard classes and H-stater B.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid mea First-aid measures general First-aid measures after inhalation	 Sures Never give anything by mouth to an a (show the label where possible). Allow victim to breathe fresh air. Allor Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever 	unconscious per w the victim to re all exposed skin Get medical adv al minutes. Rem	rson. If you est. If breat a area with r vice/attentio nove contac	feel unwel hing is diff nild soap a on. Wash o	icult, give o and water, f contaminate	xygen. followed by wa	fore reuse.
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact	 Sures Never give anything by mouth to an a (show the label where possible). Allow victim to breathe fresh air. Allor Get medical attention Remove affected clothing and wash rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison certification or call a sever call a	unconscious per w the victim to re all exposed skin Get medical ad- al minutes. Rem nter or doctor / p	rson. If you est. If breat a area with r vice/attentio nove contac ohysician.	feel unwel hing is diff nild soap a on. Wash o ot lenses, i	icult, give o and water, f contaminate f present ar	xygen. followed by wa ed clothing be nd easy to do.	fore reuse. Continue
Full text of hazard classes and H-stater B.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid mea First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is Rinse mouth. Do NOT induce vomiting 	unconscious per w the victim to re all exposed skin Get medical ad- al minutes. Rem nter or doctor / p	rson. If you est. If breat a area with r vice/attentio nove contac ohysician.	feel unwel hing is diff nild soap a on. Wash o ot lenses, i	icult, give o and water, f contaminate f present ar	xygen. followed by wa ed clothing be nd easy to do.	fore reuse. Continue
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is Rinse mouth. Do NOT induce vomitin doctor/physician if you feel unwell. 	unconscious per w the victim to re all exposed skin Get medical ad- al minutes. Rem nter or doctor / p	rson. If you est. If breat a area with r vice/attentio nove contac ohysician.	feel unwel hing is diff nild soap a on. Wash o ot lenses, i	icult, give o and water, f contaminate f present ar	xygen. followed by wa ed clothing be nd easy to do.	fore reuse. Continue
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert rinse mouth. Do NOT induce vomitin doctor/physician if you feel unwell. s and effects (acute and delayed) 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem nter or doctor / p ng. Obtain emer	rson. If you est. If breat a area with r vice/attentic nove contac ohysician. gency med	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti	iicult, give o and water, f contaminate f present ar on. Call a P	origen. Followed by wated clothing be and easy to do. POISON CENT	fore reuse. Continue FER or
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion A.2. Most important symptom Symptoms/effects	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is and effects (acute and delayed) Respiratory tract irritation. Upper a 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem nter or doctor / p ng. Obtain emer	rson. If you est. If breat a area with r vice/attentic nove contac ohysician. gency med	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti	iicult, give o and water, f contaminate f present ar on. Call a P	origen. Followed by wated clothing be and easy to do. POISON CENT	fore reuse. Continue FER or
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after skin contact	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is and effects (acute and delayed) Respiratory tract irritation. Upper a May cause skin irritation. 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem nter or doctor / p ng. Obtain emer irway irritation,	rson. If you est. If breat a area with r vice/attentic nove contac ohysician. gency med may cause	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti e cough, r	icult, give o and water, f contaminate f present ar on. Call a P redness of	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u	fore reuse. Continue FER or pper airway
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion A.2. Most important symptom Symptoms/effects	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is shown the context of t	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem nter or doctor / p ng. Obtain emer irway irritation, nd redness to t	rson. If you est. If breat a area with r vice/attention nove contact obysician. gency med may cause the eye lids	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti e cough, r	icult, give o and water, f contaminate f present ar on. Call a P redness of	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u	fore reuse. Continue FER or pper airway
Full text of hazard classes and H-stater 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after skin contact	 Sures Never give anything by mouth to an in (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is and effects (acute and delayed) Respiratory tract irritation. Upper a May cause skin irritation. 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem hter or doctor / p ng. Obtain emer irway irritation, nd redness to t ated immediate ause severe ga	rson. If you est. If breat a area with r vice/attention nove contact obysician. gency med may cause the eye lids ly. astrointestii	feel unwel hing is diff nild soap a on. Wash o ct lenses, i ical attentio e cough, r s, conjunci nal irritatic	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue IER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after eye contact	 Sures Never give anything by mouth to an a (show the label where possible). Allow victim to breathe fresh air. Allor Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert coctor/physician if you feel unwell. and effects (acute and delayed) Respiratory tract irritation. Upper a May causes severe eye irritation a and severe eye damage if not treat. Swallowing a small quantity may caudiarrhea. Ingestion of large quantit 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem hter or doctor / p ng. Obtain emer irway irritation, nd redness to t ated immediate ause severe ga	rson. If you est. If breat a area with r vice/attention nove contact obysician. gency med may cause the eye lids ly. astrointestii	feel unwel hing is diff nild soap a on. Wash o ct lenses, i ical attentio e cough, r s, conjunci nal irritatic	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue IER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measure 4.1. Description of first aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after eye contact Symptoms/effects after eye contact	 Sures Never give anything by mouth to an a (show the label where possible). Allow victim to breathe fresh air. Allor Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert coctor/physician if you feel unwell. and effects (acute and delayed) Respiratory tract irritation. Upper a May causes severe eye irritation a and severe eye damage if not treat. Swallowing a small quantity may caudiarrhea. Ingestion of large quantit 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem hter or doctor / p ng. Obtain emer irway irritation, nd redness to t ated immediate ause severe ga	rson. If you est. If breat a area with r vice/attention nove contact obysician. gency med may cause the eye lids ly. astrointestii	feel unwel hing is diff nild soap a on. Wash o ct lenses, i ical attentio e cough, r s, conjunci nal irritatic	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue FER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after ingestion 4.3. 4.3.	 Sures Never give anything by mouth to an experimental system of the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert doctor/physician if you feel unwell. S and effects (acute and delayed) Respiratory tract irritation. May causes severe eye irritation a and severe eye damage if not treat and severe eye damage if not treat. Swallowing a small quantity may cardiarrhea. Ingestion of large quantit and special treatment, if necessary 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem hter or doctor / p ng. Obtain emer irway irritation, nd redness to t ated immediate ause severe ga	rson. If you est. If breat a area with r vice/attention nove contact obysician. gency med may cause the eye lids ly. astrointestii	feel unwel hing is diff nild soap a on. Wash o ct lenses, i ical attentio e cough, r s, conjunci nal irritatic	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue FER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measure First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion A.2. Most important symptom Symptoms/effects Symptoms/effects after eye contact Symptoms/effects after eye contact Symptoms/effects after ingestion 4.3. Immediate medical attention and Obtain medical assistance. SECTION 5:	 Sures : Never give anything by mouth to an e (show the label where possible). : Allow victim to breathe fresh air. Allor Get medical attention : Remove affected clothing and wash e rinse. If skin irritation or rash occurs: : Rinse cautiously with water for sever rinsing. Immediately call a poison cell : Rinse mouth. Do NOT induce vomitin doctor/physician if you feel unwell. s and effects (acute and delayed) : Respiratory tract irritation. Upper a May causes severe eye irritation a and severe eye damage if not treat. : Swallowing a small quantity may cardiarrhea. Ingestion of large quantit nd special treatment, if necessary 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem hter or doctor / p ng. Obtain emer irway irritation, nd redness to t ated immediate ause severe ga	rson. If you est. If breat a area with r vice/attention nove contact obysician. gency med may cause the eye lids ly. astrointestii	feel unwel hing is diff nild soap a on. Wash o ct lenses, i ical attentio e cough, r s, conjunci nal irritatic	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue FER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measures First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after ingestion 4.3. Immediate medical attention attention attention Obtain medical assistance. SECTION 5: Fire-fighting media	 Sures Never give anything by mouth to an origination (show the label where possible). Allow victim to breathe fresh air. Allow Get medical attention Remove affected clothing and wash a rinse. If skin irritation or rash occurs: Rinse cautiously with water for sever rinsing. Immediately call a poison cert is and effects (acute and delayed) Respiratory tract irritation. Upper a May causes severe eye irritation a and severe eye damage if not treat. Swallowing a small quantity may co diarrhea. Ingestion of large quantit and special treatment, if necessary 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem nter or doctor / p ng. Obtain emer irway irritation, nd redness to t ause severe ga ies may cause	rson. If you est. If breat a area with r vice/attention nove contact ohysician. gency med may cause the eye lids ly. astrointestii ulceration,	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti e cough, r s, conjunci nal irritatic vomiting,	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue FER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measures First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion A.2. Most important symptom Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion 4.3. Immediate medical attention and Obtain medical assistance. SECTION 5: Fire-fighting media Unsuitable extinguishing media	 Sures : Never give anything by mouth to an a (show the label where possible). : Allow victim to breathe fresh air. Allor Get medical attention : Remove affected clothing and wash a rinse. If skin irritation or rash occurs: : Rinse cautiously with water for sever rinsing. Immediately call a poison cert doctor/physician if you feel unwell. s and effects (acute and delayed) : Respiratory tract irritation. Upper a May cause skin irritation. : May cause severe eye irritation a and severe eye damage if not treat. : Swallowing a small quantity may cardiarrhea. Ingestion of large quantit in special treatment, if necessary 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem nter or doctor / p ng. Obtain emer irway irritation, nd redness to t ause severe ga ies may cause	rson. If you est. If breat a area with r vice/attention nove contact ohysician. gency med may cause the eye lids ly. astrointestii ulceration,	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti e cough, r s, conjunci nal irritatic vomiting,	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue IER or pper airway or permane
Full text of hazard classes and H-statem 8.2. Mixtures Not applicable SECTION 4: First-aid measures First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion 4.2. Most important symptom Symptoms/effects Symptoms/effects after eye contact Symptoms/effects after ingestion 4.3. Immediate medical attention and Obtain medical assistance. SECTION 5: Fire-fighting media Unsuitable extinguishing media Unsuitable extinguishing media Suitable extinguishing media Suitable extinguishing media Suitable extinguishing media	 Sures : Never give anything by mouth to an a (show the label where possible). : Allow victim to breathe fresh air. Allor Get medical attention : Remove affected clothing and wash a rinse. If skin irritation or rash occurs: : Rinse cautiously with water for sever rinsing. Immediately call a poison cert doctor/physician if you feel unwell. s and effects (acute and delayed) : Respiratory tract irritation. Upper a May cause skin irritation. : May cause severe eye irritation a and severe eye damage if not treat. : Swallowing a small quantity may cardiarrhea. Ingestion of large quantit in special treatment, if necessary 	unconscious per w the victim to re all exposed skin Get medical adr al minutes. Rem hter or doctor / p ng. Obtain emer irway irritation, nd redness to t ated immediate ause severe ga ies may cause	rson. If you est. If breat a area with r vice/attention nove contact ohysician. gency med may cause the eye lids ly. astrointestii ulceration,	feel unwel hing is diff nild soap a on. Wash o ot lenses, i ical attenti e cough, r s, conjunci nal irritatic vomiting,	icult, give o and water, f contaminate f present ar on. Call a P redness of tiva. There on with nau	iollowed by wa ed clothing be nd easy to do. POISON CENT mouth and u is potential fo	fore reuse. Continue FER or pper airway or permane

Material Safety Data Sheet

	ment and precautions for fire-fighters
Firefighting instructions	: Generally, exercise caution when fighting any chemical fire.
	Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental rele	
6.1. Personal precautions	, protective equipment and emergency procedures
Avoid contact with skin and eyes.	Avoid breathing dust. Avoid dust formation. Wash thoroughly after handling. Wear correct personal protective equipm
6.1.1. For non-emergency person Protective equipment Emergency procedures	onnel : Safety glasses. Protective clothing. Gloves. Dust mask. : Evacuate unnecessary personnel.
6.1.2. For emergency responses Protective equipment Emergency procedures	nders : Equip cleanup crew with proper protection. : Ventilate area.
6.2. Environmental precau	utions
This material is harmful to aquati	c life. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for o	
Spills	: Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering the area. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to loc and regional authority requirements.
6.4. Reference to other section	
See Heading 8. Exposure control	s and personal protection.
SECTION 7: Handling and	d storage
7.1. Precautions for safe han	dling
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of dust build up. Avoid breathing dust. Avoid contact with skin and eyes. Obtain special instructions before use. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.
	Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before
7.2. Conditions for safe stora	reuse. age, including any incompatibilities
Storage conditions ncompatible products	 Keep container closed when not in use. Store in a cool, dry, well-ventilated area. Acids, lime, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys.
ncompatible materials	: Store protected from moisture. Note: Solutions of sodium carbonate are corrosive to aluminium.
SECTION 8: Exposure cont	rols/personal protection

.1. Control parameters	
Component	Occupational Exposure Limits
Sodium sulfite	ACGIH TWA 5mg/m ³ (8 hour)
Sodium carbonate	Not listed
Ascorbic acid	Not listed
Potassium bromide	Not listed
Phenidone	Not listed

8.2. Appropriate engineering controls

Appropriate engineering controls

: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation. Material should be handled using local exhaust ventilation (LEV) or laboratory hood whenever possible.

Material Safety Data Sheet

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Chemical resistant apron. Gloves. Face shield. Protective clothing. Safety glasses. Respirator.



Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

Wear respiratory protection.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical pro	perties
9.1. Information on basic physical and c	nemical properties
Physical state	: Solid.
Appearance	: Power / crystalline.
Colour	: White.
Odour	: Slight sulfurous / acidic smell.
Odour threshold	: No data available.
рН	: No data available.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: No data available.
Flash point	: No data available.
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available.
Relative vapour density at 20 °C	: No data available.
Relative density	: No data available.
Specific gravity / density	: No data available.
Molecular mass	: N/A - Mixture.
Solubility	: Easily soluble in cold water, hot water. Insoluble in alcohol.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Hygroscopic	: No data available
9.2. Other information	

No additional information available

Material Safety Data Sheet

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is stable.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Moisture can also hydrolyze sodium sulfite to liberate sulfur dioxide which is a highly irritating and corrosive gas.

10.4. Conditions to avoid

Direct sunlight. Possible emission of gaseous decomposition products may lead to a dangerous pressure build. Exposure to moisture. Elevated

temperatures. Store protected from moisture. 10.5. Incompatible materials

Lime. Strong acids. Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys. Sodium carbonate can be basic enough to catalyze decomposition of nitro-compounds perhaps leading to explosion. Avoid contact with lime to prevent corrosive sodium hydroxide. Avoid strong acids to prevent generation of highly irritant and corrosive sulfur dioxide gas.

10.6. Hazardous decomposition products

Oxides of sodium and potassium. Sulfur dioxide. Carbon dioxide. Carbon monoxide. Bromine.

11: Toxicological information

Information on toxicological effects 11.1. Inhalation; Skin and eye contact. Likely routes of exposure Acute toxicity Oral: Harmful if swallowed Phenatol Green Natural Tone Paper Developer (Toxicological data provided for sodium carbonate - greatest concentration) LD50 Oral 4,090 mg/kg (rat) LD50 Dermal 500 mg/kg (rabbit) LC50 Inhalation 2,300 mg/m³/2H (rat) Skin corrosion/irritation : Causes skin irritation, redness. Serious eye damage/irritation : Causes serious eye irritation. Respiratory or skin sensitization May cause an allergic skin reaction. Sodium sulfite may cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Possible signs and symptoms of allergic reactionsinclude bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure and anaphylaxis. Repeated or prolonged contact may cause dermatitis. Germ cell mutagenicity Not classified as a mutagen. Carcinogenicity Not classified as a carcinogen. Reproductive toxicity Not classified. Specific target organ toxicity - single exposure Not classified . Specific target organ toxicity - repeated Based on available data, the classification criteria are not met. Harmful if swallowed. exposure Not classified Aspiration hazard Potential Adverse human health effects and : The substance or mixture is not classified as specific target organ toxicant. Prolonged or chronic symptoms ingestion may cause bromism charaterised by disturbances to the central nervous system. Symptoms/effects after skin contact May cause skin irritation and/or dermatitis. Symptoms/effects after eye contact May cause irreversible eye damage. Symptoms/effects after ingestion Swallowing a small quantity of this material will result in serious health hazard. Prolonged or chronic ingestion may cause bromism charaterised by disturbances to the central nervous system. SECTION 12: Ecological information 12.1. Toxicity : Harmful to aquatic life. Ecology - water

C41 Developer - Part A mixture Persistence and degradability The material is inorganic and not subject to biodegradation and not to persist in the environment.

Material Safety Data Sheet

12.3. Bioaccumulative potential	
C41 Developer - Part A mixture	
Bioaccumulative potential	This material is believed not to bioaccumulate
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	ns
13.1. Disposal methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local / national regulations. Dispose of contents / container to comply with local, state and federal regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
Department of Transportation (DOT) In accordance with DOT Transport document description	: No transport restrictions for small packages, i.e. these are small quantity kits and not regulated.
UN-No.(DOT)	: UN3082
Proper Shipping Name (DOT)	: Environmentally hazardous substances, liquid, n.o.s.
Transport hazard class(es) (DOT)	: 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140
Packing group (DOT)	: III - Minor Danger
Hazard labels (DOT)	: 9 - Class 9 (Miscellaneous dangerous materials)
Dangerous for the environment	: Yes
Marine pollutant	: Yes

Material Safety Data Sheet

DOT Special Provisions (49 CFR 172.102)	:	 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies. 146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s." UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging. A112 - Notwithstanding the quantity limits shown in Column (9A) and (9B) for this entry, the following IBCs are authorized for transportation aboard passenger and cargo-only aircraft. Each IBC may not exceed a maximum net quantity of 1,000 kg: a. Metal: 11A, 11B, 11N, 21A, 21B and 21N b. Rigid plastics: 11H1, 11H2, 21H1 and 21H2 c. Composite with plastic inner receptacle: 11HZ1, 11HZ2, 21HZ1 and 21HZ2 d. Fiberboard: 11G e. Wooden: 11C, 11D and 11F (with inner liners) f. Flexible: 13H2, 13H3, 13H4, 13H5, 13L2, 13L3, 13L4, 13M1 and 13M2 (flexible IBCs must be sith-proof and water resistant or must be fitted with a sith-proof and water resistant or must be fitted with a sith-proof and water resistant or must be fitted with a sith-proof and water resistant or must be fitted with a sith-proof and water resistant or must be fitted with a sith-proof and water resistant or must be fitted with a sith-proof and wate
DOT Packaging Exceptions (49 CFR 173.xxx)	:	155
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	No limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	No limit
DOT Vessel Stowage Location	:	A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Other information	:	No supplementary information available.

SECTION 15: Regulatory information

Canadian National Regulations

Phenatol Green Neutral Tone Paper Developer Not listed on the Canadian DSL (Domestic Substances List) Not listed on the Canadian IDL (Ingredient Disclosure List)

SECTION 16: Other information			
Full text of H-phrases:	H315 - Causes skin irritation.		
	H319 - Causes serious eye irritation.		
	H335 - May cause respiratory irritation.		

11/06/2021

EN (English CAN)

Page 7/7

Information in this MSDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Flic Film Inc assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application.