

SHIPPED FROM:

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES 269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

-----  
M A T E R I A L   S A F E T Y   D A T A   S H E E T  
-----

DATE: 1/29/15  
PAGE: 1

CLARIANT WEBSITE: [HTTP://WWW.CLARIANTMASTERBATCH.COM](http://www.clariantmasterbatch.com)

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE: 04DBS-830

\*\*\*\*\* MATERIAL SAFETY DATA SHEETS \*\*\*\*\*

\*

THE ATTACHED MATERIAL SAFETY DATA SHEET (MSDS) IS AN IMPORTANT DOCUMENT.  
THE OSHA HAZARDOUS COMMUNICATION STANDARD REQUIRES US TO FORWARD A MSDS  
PRIOR TO OR ACCOMPANYING AN INITIAL SHIPMENT OF A PRODUCT AND THE  
"STANDARD" REQUIRES YOUR COMPANY TO KEEP THE MSDS ON FILE.

\*

\*

IF YOU ARE NOT RESPONSIBLE FOR HEALTH AND SAFETY IN YOUR COMPANY PLEASE  
INSURE THAT YOUR HEALTH AND SAFETY MANAGER RECEIVES THIS DOCUMENT.

\*

\*

THANK YOU.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

HEALTH ----->1

FLAMMABILITY ----->0

REACTIVITY ----->0

PERSONAL PROTECTION -->E

SHIPPED FROM:

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES 269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

M A T E R I A L   S A F E T Y   D A T A   S H E E T

DATE: 1/29/15  
PAGE: 2

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE: 04DBS-830

SECTION I - PRODUCT INFORMATION:

PRODUCT DESCRIPTION:

STD. BLUE; 1% ABS

PRODUCT CODE:

04DBS-830

VERSION NUMBER:

2

DATE: 1/29/15

CHEMICAL NAME/FAMILY:

COLORANT

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

THIS PRODUCT CONTAINS, AS A COMPONENT, THE SUBSTANCE(S) LISTED BELOW  
WHICH IS IDENTIFIED AS A HAZARDOUS CHEMICAL UNDER THE CRITERIA OF THE  
OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200  
OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

CAS NUMBER	DESCRIPTION	OSHA PEL MG/M3	ACGIH TLV MG/M3	OTHER LIMITS	DOES NOT EXCEED (%)
NONE					

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: N/A  
SPECIFIC GRAVITY: 2.25 - 2.35  
VAPOR PRESSURE: N/A  
MELTING POINT: Non Determined  
VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: INSOLUBLE  
APPEARANCE AND ODOR: COLORED DRY POWDER - NO SIGNIFICANT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED):

THERE IS A COMPONENT IN THIS PRODUCT WITH A FLASH POINT OF 285 C.  
THE METHOD USED TO DETERMINE THIS IS: COC  
ALL OTHER COMPONENTS USED IN THIS PRODUCT EITHER HAVE A HIGHER FLASH  
POINT OR ARE NOT COMBUSTIBLE AND DO NOT HAVE A FLASH POINT.

EXTINGUISHING MEDIA:

-----  
M A T E R I A L   S A F E T Y   D A T A   S H E E T  
-----

DATE: 1/29/15  
PAGE: 3

SHIPPED FROM:

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO                      ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES    269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE:            04DBS-830

-----  
SECTION IV - FIRE AND EXPLOSION HAZARD DATA: (CONT)  
-----

WATER SPRAY, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES:

BURNING WILL PRODUCE TOXIC FUMES. WEAR SELF-CONTAINED BREATHING  
APPARATUS AND FULL TURNOUT GEAR TO FIGHT FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

ADEQUATE VENTILATION AND CLEANUP MUST BE MAINTAINED TO MINIMIZE DUST  
ACCUMULATION.

-----  
SECTION V - REACTIVITY DATA:  
-----

STABILITY: STABLE -> X UNSTABLE ->

STABILITY (CONDITIONS TO AVOID):

TO AVOID THERMAL DECOMPOSITION DO NOT OVERHEAT. DECOMPOSITION BEGINS AT  
APPROX. 240 C.

INCOMPATIBILITY (MATERIALS TO AVOID):

ACIDS, FIRE.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

HYDROGEN SULFIDE GAS, SULFUR DIOXIDE

HAZARDOUS POLYMERIZATION: WILL OCCUR ->    WILL NOT OCCUR -> X

HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID):

STORE AWAY FROM ACIDS

-----  
SECTION VI - HEALTH HAZARD DATA:  
-----

HEALTH HAZARDS (ACUTE AND CHRONIC):

HEALTH HAZARD: INHALATION

SHOULD BE AVOIDED BY WEARING AN APPROVED DUST MASK. INHALATION OF ANY  
NUISANCE DUST MAY CAUSE RESPIRATORY IRRITATION.

-----  
M A T E R I A L   S A F E T Y   D A T A   S H E E T  
-----

DATE: 1/29/15  
PAGE: 4

SHIPPED FROM:

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES 269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE: 04DBS-830

-----  
SECTION VI - HEALTH HAZARD DATA: (CONT)  
-----

HEALTH HAZARD: SKIN

UNDER NORMAL CONDITIONS OF GOOD INDUSTRIAL HYGIENE, NOT EXPECTED TO BE AN  
IRRITANT.

HEALTH HAZARD: INGESTION

NOT A PROBABLE ROUTE OF EXPOSURE.

HEALTH HAZARD: EYE CONTACT

AS WITH ALL POWDERS, MAY CAUSE MILD IRRITATION TO THE EYES.

-----  
IS ANY CHEMICAL IN THIS PRODUCT AT A CONCENTRATION OF 0.1 % OR MORE  
CLASSIFIED AS A CARCINOGEN BY IARC, NTP, OR OSHA? NO  
-----

SIGNS AND SYMPTOMS OF EXPOSURE:

\* THE FOLLOWING INFORMATION PROVIDED ON THE BELOW HAZARDOUS INGREDIENT(S)  
APPLIES TO THE INGREDIENT(S) IN THE PURE DRY FORM.

NONE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

\* THE FOLLOWING INFORMATION PROVIDED ON THE BELOW HAZARDOUS INGREDIENT(S)  
APPLIES TO THE INGREDIENT(S) IN THE PURE DRY FORM.

NONE

EMERGENCY FIRST AID: INHALATION

REMOVE FROM AREA TO FRESH AIR. GET MEDICAL ATTENTION IF RESPIRATORY  
IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

EMERGENCY FIRST AID: SKIN

WASH WITH SOAP AND WATER. IF SYMPTOMS OCCUR CONSULT PHYSICIAN.

EMERGENCY FIRST AID: INGESTION

IF SWALLOWED, ADMINISTER AT LEAST 3-4 GLASSES OF WATER BUT DO NOT INDUCE  
VOMITING OR GIVE WATER TO UNCONSCIOUS OR CONVULSING PERSON. SEEK MEDICAL  
ATTENTION.

M A T E R I A L   S A F E T Y   D A T A   S H E E T

DATE: 1/29/15  
PAGE: 5

SHIPPED FROM:

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES 269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE: 04DBS-830

SECTION VI - HEALTH HAZARD DATA: (CONT)

EMERGENCY FIRST AID: EYE CONTACT

RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER EYELIDS FOR AT LEAST  
10 MINUTES. IF PROBLEM PERSISTS, SEEK MEDICAL ADVICE.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE:

HANDLING: SPILLAGE

NO SPECIAL PRECAUTIONS ARE NECESSARY UNLESS CONTACT WITH ACID OR FIRE MAY  
OCCUR, IN WHICH CASE SUITABLE BREATHING APPARATUS SHOULD BE WORN. SWEEP UP  
SPILLS. AVOID CONTACT WITH ACIDS.

HANDLING: WASTE DISPOSAL

LANDFILL OR INCINERATE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.

HANDLING: STORAGE

STORE IN A DRY, WELL VENTILATED AREA. DO NOT STORE IN AREAS WHERE THERE IS  
A RISK OF FIRE. DO NOT MIX OR STORE WITH ACIDS. AVOID EXCESSIVE DUST  
GENERATION, USE APPROPRIATE DUST CONTROL MEASURES WHERE NECESSARY.

HANDLING: OTHER PRECAUTIONS

DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEMS. IN CASE OF  
ACCIDENTAL MAJOR DISCHARGE INTO DRAINS, FLUSH WITH COPIOUS AMOUNTS OF WATER  
TO DILUTE ANY ACIDIC CONDITIONS WHICH MAY PREVAIL.

SECTION VIII - CONTROL MEASURES:

CONTROL: RESPIRATORY PROTECTION

IN DUSTY ATMOSPHERES USE NIOSH/MSHA APPROVED RESPIRATORS

CONTROL: VENTILATION

USE ONLY WITH ADEQUATE VENTILATION AND DUST CONTAINMENT.

CONTROL: GLOVES

BUTYL RUBBER,PVC OR NEOPRENE

CONTROL: EYE PROTECTION

GOGGLES

-----  
M A T E R I A L   S A F E T Y   D A T A   S H E E T  
-----DATE: 1/29/15  
PAGE: 6

## SHIPPED FROM:

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO ONTARIO M9C 5R9  
PHONE: 416-847-7000FOR ALL EMERGENCIES 269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE: 04DBS-830-----  
SECTION VIII - CONTROL MEASURES: (CONT)  
-----

## CONTROL: OTHER CLOTHING

WEAR LONG SLEEVED SHIRTS AND PANTS TO MINIMIZE SKIN CONTACT.

## CONTROL: WORK/HYGIENE

WASH THOROUGHLY AFTER HANDLING OR EXPOSURE.

-----  
SECTION IX - OTHER REGULATORY INFORMATION:  
-----SARA - THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL(S) SUBJECT TO THE  
REPORTING OF SECTION 313 OF TITLE III OF THE SUPERFUND  
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:  
THIS INFORMATION SHOULD BE INCLUDED IN ALL MSDS'S THAT ARE COPIED  
AND DISTRIBUTED FOR THIS MATERIAL.DOES NOT  
CAS # EXCEED(%) DESCRIPTION  
NONETSCA - ALL INGREDIENTS USED TO PRODUCE THE ABOVE FORMULATION ARE IN  
COMPLIANCE WITH THE TOXIC SUBSTANCES AND CONTROL ACT INVENTORY  
AS REQUIRED BY FEDERAL LAW.-----  
SECTION X - STATE REGULATORY INFORMATION:  
-----CA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS  
MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE CANCER ARE LISTED BELOW:PLEASE NOTE IT IS THE RESPONSIBILITY OF THE END USER TO DETERMINE IF ITS  
FINISHED PRODUCTS REQUIRE LABELING UNDER CALIFORNIA PROPOSITION 65.  
[HTTP://WWW.OEHHA.CA.GOV/PROP65/PROP65\\_LIST/NEWLIST.HTML](http://www.oehha.ca.gov/prop65/prop65_list/newlist.html)  
NONECA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS  
MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE DEVELOPMENTAL AND REPRODUCTIVE TOXICANT  
HARM ARE LISTED BELOW:

PLEASE NOTE IT IS THE RESPONSIBILITY OF THE END USER TO DETERMINE IF ITS

SHIPPED FROM:

-----  
M A T E R I A L   S A F E T Y   D A T A   S H E E T  
-----

DATE: 1/29/15  
PAGE: 7

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES 269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE: 04DBS-830

-----  
SECTION X - STATE REGULATORY INFORMATION: (CONT)  
-----

FINISHED PRODUCTS REQUIRE LABELING UNDER CALIFORNIA PROPOSITION 65.  
HTTP://WWW.OEHHA.CA.GOV/PROP65/PROP65\_LIST/NEWLIST.HTML  
NONE

CANADIAN WHMIS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL  
AS GIVEN IN WHMIS IS SHOWN BELOW:  
HTTP://WWW.CSST.QC.CA/EN/PREVENTION/REPTOX/PAGES/LIST-WHMIS-CAS-50-84.ASPX  
NONE

FLORIDA: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL  
CHEMICAL AS LISTED IN THE FLORIDA IS SHOWN BELOW:  
NONE

MASSACHUSETTS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL  
CHEMICAL AS LISTED IN THE MASSACHUSETTS SUBSTANCE LIST IS  
SHOWN BELOW:  
NONE

NEW JERSEY: NON-HAZARDOUS INGREDIENTS ARE BEING WITH HELD AS TRADE SECRET  
INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A  
HAZARDOUS CHEMICAL AS LISTED ON THE NEW JERSEY HAZARDOUS LIST  
IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT  
SHOWN IN SECTION II ARE AS FOLLOWS:  
NONE

PENNSYLVANIA: NON-HAZARDOUS INGREDIENTS ARE BEING WITH HELD AS TRADE SECRET  
INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A  
HAZARDOUS CHEMICAL AS LISTED ON THE PENNSYLVANIA HAZARDOUS  
LIST IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED  
CHEMICALS NOT SHOWN IN SECTION II ARE AS FOLLOWS:  
NONE

RHODE ISLAND: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL  
CHEMICAL AS LISTED IN THE RHODE ISLAND SUBSTANCE LIST IS  
SHOWN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT  
SHOWN IN SECTION II ARE AS FOLLOWS:  
NONE

THIS INFORMATION IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE.

SHIPPED FROM:

-----  
M A T E R I A L   S A F E T Y   D A T A   S H E E T  
-----

DATE: 1/29/15  
PAGE: 8

TORONTO MASTERBATCHES (CANADA)  
2 LONE OAK COURT  
TORONTO                      ONTARIO M9C 5R9  
PHONE: 416-847-7000

FOR ALL EMERGENCIES    269-753-8434  
PREPARED BY: PRODUCT SAFETY DEPARTMENT

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: STD. BLUE; 1% ABS  
PRODUCT CODE:            04DBS-830

IT IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED. CLARIANT CORPORATION ASSUMES NO LEGAL RESPONSIBILITY FOR THE USE OF, OR RELIANCE UPON, THESE DATA FOR HAZARDS WHICH MIGHT BE ASSOCIATED WITH THE USE OF THIS MATERIAL OR FOR THE RESULTS OBTAINED. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS.