World Leading Distributor of Speciality Additives and Polymers
Dan Andersson

Background
Career in Army, 1st Sergeant
A. Schulman Lab, Quality & Technical Support Manager
IMCD Sales Manager Advanced Materials
Five Ways That Plastics Harm The Environment (And One ...
23 apr. 2018 - Plastics may actually be co-opted to help reduce harm to the environment only if we stop screwing it up in all those other ways we mess ...

Plastic pollution facts and information - National Geographic
7 june 2019 - Plastic pollution has become one of the most pressing environmental issues, rapidly increasing production of disposable plastic products ...

How plastic is damaging planet Earth | The Independent
28 sep. 2017 - There are 500 times more pieces of microplastic in the sea than there away, either into landfill sites or into the general environment.

Single-use plastics a serious climate change hazard, study ...
15 maj 2019 - ... end now, says first ever estimate of plastic's cradle-to-grave impact ...

Environmental Law, which estimates the greenhouse gas footprint of ...
Industry Focus

- Educate (IMCD Academy)
- Global Focus On recycling
- R&D Alternative sources
- Use appropriate material for the application

Why are We Using Plastics

- Reducing Food Waste
- Lighter Cars
- Energy Saving
- Recycling

Alternative Sustainable Materials
A GROWING COMPANY

Most Innovative European Biotech SME Awards 2018

Strong patented scientific IP

Organized with partners

New factory in 2020

IMCD
Composition

Milk protein - Casein

Water

Glycerol
LACTIPS POSITION AMONG PLASTICS

SINGLE USE PLASTIC DIRECTIVE (UE) 2019/904 EiF 2021
# MATERIAL PROPERTIES

## WATER SOLUBLE
- kg/mm²·cm·m·kg
- mm·cm²·m·g
- km·kg·kg·m·cm·m·kg

## GAS BARRIER
### OILS & FAT BARRIER
- MOSH / MOAH

## ALIMENTARY
- Industrialised
- Convertible on all the processes of the plastics industry
- Low temperature
- Sealable (VSSS/HSSS)
- Printable without pre-treatment
- Printing, labelling & product coding

## SUPPORT MATRIX FOR ACTIVE INGREDIENTS
- Water soluble
- No residues after dissolution
- Addition of colorants, flavor, fat, preserving agents

## ALIMENTARY
- Edible made out of 100% food grade ingredients

## PRINTABLE
- Patentable
A UNIQUE TECHNOLOGY

GREEN CHEMISTRY

100% BIO-SOURCED

ISO-16620-2:2015

ADAPTED FOR PLASTIC PROCESSES

MARKE TS

No use or generation of hazardous substances
Seduces the negative impacts of chemical products and processes on human health and the environment

100% BIO-SOURCED
A LARGE SCALE OF BUSINESS OPPORTUNITIES

- BLEND
- FOOD PACKAGING
- PRODUCT WRAPPING
- BUILDING
- LIQUID DETERGENCY
- SOLID DETERGENCY

CARTON / PAPER LAMINATION

IMCD
Color – Plastic – Additive Education
BioPlastics and Additives Education
Role of Plastics In Our Society Education

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THANK YOU